

Allegato B 2303 Schema Offerta Economica-Lotto2 - errata corrige_01

PoP	Sigla	Via/Piazza/..n	Città	Regione
Avellino-Roma	AV00	Via Roma, 64	Avellino	Campania
Bari-Amendola	BA01	Via Amendola, 173	Bari	Puglia
Benevento-Guerrazzi	BN00	P.zza Guerrazzi, 1	Benevento	Campania
Bologna-Morassutti	BO01	Via Berti Pichat, 6/2	Bologna	Emilia Romagna
Bologna-Tecnopolo	BO06	via Stalingrado 86	Bologna	Emilia Romagna
Brindisi-Cittadella	BR00	Centro Pastis S.S. 7 Appia Km 706	Brindisi	Puglia
Caserta-Vivaldi	CE00	Via Vivaldi, 43	Caserta	Campania
Catania-Cittadella	CT01	Viale Andrea Doria, 6	Catania	Sicilia
Catanzaro-Germaneto	CZ00	Viale Europa - Campus "Salvatore Venuta" - Loc. Germaneto	Catanzaro	Calabria
Cosenza-Arcavacata	CS00	Arcavacata di Rende	Cosenza	Calabria
Foggia-Gramsci	FG00	Via Gramsci, 89/91	Foggia	Puglia
Lecce-Fiorini	LE00	Via Prov. per Arnesano	Lecce	Puglia
L'Aquila-Vetoio	AQ01	Via Vetoio,1	L'Aquila	Abruzzo
LNGS Assergi (AQ)	AQ04	Strada Statale 17bis,Km 18.910	Assergi (AQ)	Abruzzo
LNGS Laboratori sotterranei	AQ05	Autostrada A24 (Roma L'Aquila Teramo) - circa 120 km da Roma corsia di marcia Teramo-Roma - per accesso fare riferimento ai laboratori esterni	Assergi (AQ)	Abruzzo
Messina-Pugliatti	ME00	Piazza Pugliatti, 1	Messina	Sicilia
Milano-Caldera	MI02	via Caldera, 21, Pal. D/3	Milano	Lombardia
Milano-Lancetti	MI01	via Lancetti, 23/A	Milano	Lombardia
Napoli-Monte di Dio	NA02	via Generale Parisi, 13	Napoli	Campania
Napoli-Mt.S.Angelo	NA01	via Cinthia	Napoli	Campania
Napoli-Portici	NA06	Piazzale Enrico Fermi, 1 Loc. Granatello	Portici	Campania
Palermo-Scienze	PA01	Via delle Scienze	Palermo	Sicilia
Reggio Calabria - Melissari	RC00	Salita Melissari, Località Feo di Vito, Torre C3	Reggio Calabria	Calabria
Roma-Tizii	RM02	via Dei Tizii, 6B	Roma	Lazio
Salerno-Fisciano	SA00	Via Ponte Don Melillo	Salerno	Campania
Taranto-Turismo	TA01	Viale Turismo, 8	Taranto	Puglia
Teramo	TE00		Teramo	Abruzzo
	27			

colonna1	colonna2	colonna3	colonna4	colonna5	colonna6	colonna7	colonna8
APPARATO	Quantità	Costo Unitario per Apparato (EURO, IVA esclusa)	Costo Totale per Apparato (EURO, IVA esclusa)	Costo Unitario Installazione Apparato (EURO, IVA esclusa)	Costo Unitario Migrazione Apparato (EURO, IVA esclusa)	Costo Unitario per Manutenzione Annuua (EURO, IVA esclusa)	Costo Totale Manutenzione per 5 Anni (EURO, IVA esclusa)
Pop AQ04_LNG5_LEAF_MX204-HW-BASE	1	9.844,49 €	9.844,49 €	3.694,19 €	1.248,70 €		6.637,42 €
Pop AQ05_LNG5_LEAF_MX204-HW-BASE	1	9.844,49 €	9.844,49 €	3.694,19 €	1.248,70 €		6.637,42 €
Pop TEO0_LNG5_LEAF_MX204-HW-BASE	1	9.844,49 €	9.844,49 €	3.694,19 €	1.248,70 €		6.637,42 €
Pop SA00_Salerno-Fisciano_LEAF_MX480-HW-PREMIUM3-AC	1	275.675,58 €	275.675,58 €	3.694,19 €	1.248,70 €		88.857,88 €
Pop B006_Bologna-Tecnopolo_LEAF_MX304-HW-PREMIUM	1	137.491,41 €	137.491,41 €	3.694,19 €	1.248,70 €		36.981,89 €
Pop B001_Bologna-Morassutti_LEAF2_MX304-HW-PREMIUM	1	137.491,41 €	137.491,41 €	3.694,19 €	1.248,70 €		36.981,89 €
Pop NA03_Napoli-MontesAngelo_LEAF_MX304-HW-PREMIUM	1	195.254,82 €	195.254,82 €	3.694,19 €	1.248,70 €		51.417,63 €
Pop MI02_Milano-Lancetti_EDGE_MX304-HW-PREMIUM	1	137.491,41 €	137.491,41 €	3.694,19 €	1.248,70 €		36.981,89 €
Pop MI02_Milano-Caldera_EDGE_MX304-HW-PREMIUM	1	137.491,41 €	137.491,41 €	3.694,19 €	1.248,70 €		36.981,89 €
Pop BA01_Bari-Amendola_LEAF3_MX304-HW-PREMIUM	1	227.345,59 €	227.345,59 €	3.694,19 €	1.248,70 €		59.437,48 €
Pop BA01_Bari-Amendola_LEAF1_MX480-HW-PREMIUM3-AC	card/licenze	84.975,10 €	84.975,10 €	3.694,19 €	1.248,70 €		21.699,95 €
Pop BA01_Bari-Amendola_LEAF2_MX480-HW-PREMIUM3-AC	card/licenze	84.975,10 €	84.975,10 €	3.694,19 €	1.248,70 €		21.699,95 €
Pop ME03_Messina-Pugliese_LEAF1_MX480-HW-PREMIUM3-AC	card/licenze	60.651,57 €	60.651,57 €	3.694,19 €	1.248,70 €		15.826,20 €
Pop MI02_Milano-Lancetti_SPINE_PTX10k4	card/licenze	50.542,98 €	50.542,98 €	3.694,19 €	1.248,70 €		14.043,37 €
Pop MI02_Milano-Caldera_SPINE_PTX10k4	card/licenze	30.325,79 €	30.325,79 €	3.694,19 €	1.248,70 €		8.421,10 €
Pop RM02_Roma-Tizi_SPINE_PTX10k4	card/licenze	50.542,98 €	50.542,98 €	3.694,19 €	1.248,70 €		14.043,37 €
Pop CT01_Catania-Cittadella_LEAF1_MX480-HW-PREMIUM3-AC	card/licenze	84.975,10 €	84.975,10 €	3.694,19 €	1.248,70 €		21.699,95 €
Pop CT01_Catania-Cittadella_LEAF2_MX480-HW-PREMIUM3-AC	card/licenze	212.436,56 €	212.436,56 €	3.694,19 €	1.248,70 €		58.942,38 €
Pop ME03_Messina-Pugliese_LEAF1_MX480-HW-PREMIUM3-AC	card/licenze	41.081,74 €	41.081,74 €	3.694,19 €	1.248,70 €		10.788,48 €
Pop NA01_Napoli-MontesAngelo_LEAF1_MX480-HW-PREMIUM3-AC	card/licenze	212.436,56 €	212.436,56 €	3.694,19 €	1.248,70 €		58.942,38 €
Pop NA02_Napoli-Monte di Dio_LEAF1_MX480-HW-PREMIUM3-AC	card/licenze	212.436,56 €	212.436,56 €	3.694,19 €	1.248,70 €		58.942,38 €
Pop PA01_Palermo-Scienze_LEAF1_MX480-HW-PREMIUM3-AC	card/licenze	212.436,56 €	212.436,56 €	3.694,19 €	1.248,70 €		58.942,38 €
TOTALE	20		2.615.591,70 €	81.272,14 €	27.471,35 €		719.989,86 €

colonna1	colonna2	colonna3	colonna4
SCORTE	Quantità	Costo Unitario (EURO, IVA esclusa)	Costo Totale (EURO, IVA esclusa)
MX204-HW-BASE	1	1.319,82 €	1.319,82 €
CBL-EX-PWR-C13-EU	2	2,28 €	4,56 €
JPSU-650W-AC-AO-BB	2	- €	- €
JUNOS-64-BB	1	- €	- €
JN204-CHAS-BB	1	- €	- €
JNP-FAN-1RU-BB	3	- €	- €
MX480-PREMIUM3-AC	1	18.576,05 €	18.576,05 €
RE-S-X6-128G-5-BB	2	- €	- €
SCB3-MX-BB	2	1.761,52 €	3.523,04 €
CBL-M-PWR-8A-EU	4	14,55 €	58,18 €
JUNOS-64-BB	1	- €	- €
FFANTRAY-MX480-HC-BB	1	- €	- €
PWR-MX480-2520-AC-BB	4	- €	- €
MPC10E-10C-P-BASE	1	21.243,18 €	21.243,18 €
MPCTE-10G-RB	1	41.081,74 €	41.081,74 €
MX304-PREM	3	21.117,14 €	63.351,43 €
JNP-PWR200-AC-BB	6	- €	- €
JUNOS-64-BB	3	- €	- €
CBL-EX-PWR-C19-IT	6	11,41 €	68,44 €
JNP304-RE-BB	6	- €	- €
JN204-CHAS-BB	3	- €	- €
JNP-FAN-2RU-BB	9	- €	- €
MX304-LMIC16-BASE	6	6.830,48 €	40.982,90 €
QSPF-100G-SR4-C	16	119,23 €	1.907,67 €
QSPF-100G-LR4-C	10	540,03 €	5.400,30 €
SFP-10G-SR-C	5	22,51 €	112,54 €
SFP-10G-LR-C	10	31,33 €	313,28 €
SFP-10G-ZR	10	1.190,92 €	11.909,24 €
SFP-1G-LX-C	1	24,79 €	24,79 €
SFP-1G-LH	1	203,18 €	203,18 €
SFP-1G-T-C	1	36,80 €	36,80 €
QSPF-4X10G-LR	5	675,08 €	3.375,38 €
QDD-400G-DR4	14	1.147,58 €	16.066,15 €
QDD-2X10G-SR4	6	671,73 €	4.030,38 €
128-6H460-10W	1	4,49 €	4,49 €
145-6H460-10G	2	4,49 €	8,98 €
159-6H460-10R	2	4,49 €	8,98 €
VPC-52D1LCLC0030	15	13,19 €	197,81 €
VPC-M4D1LCLC0030	1	16,13 €	16,13 €
U2LSM1-41C	2	543,68 €	1.087,36 €
SFUHD-6MB	1	72,45 €	72,45 €
HDX1F-144	2	134,67 €	269,34 €
NMCCACCM001	2	10,71 €	21,41 €
UP8AMM-80030-S	3	158,11 €	474,32 €
FT-FG024K00300SCSCH-NNBS	29	276,74 €	8.025,33 €
UP8AMM-80030-S	10	158,97 €	1.589,66 €
S48AMM-80030-S	17	108,70 €	1.847,83 €
S48AMM-80050-S	4	115,01 €	460,03 €
UP8AMM-80050-S	2	159,62 €	319,25 €
TOTALE			240.797,30 €

colonna1	colonna2	colonna3	colonna4
OTTICHE	Quantità	Costo Unitario (EURO, IVA esclusa)	Costo Totale (EURO, IVA esclusa)
QSPF-100G-SR4-C	75	119,23 €	8.942,20 €
QSPF-100G-LR4-C	25	540,03 €	13.500,74 €
SFP-10G-SR-C	2	22,51 €	45,02 €
SFP-10G-LR-C	13	31,33 €	407,27 €
SFP-10G-ZR	1	1.190,92 €	1.190,92 €
SFP-1G-LX-C	8	24,79 €	198,31 €
SFP-1G-LH	1	203,18 €	203,18 €
SFP-1G-T-C	1	36,80 €	36,80 €
QSPF-4X10G-LR	5	675,08 €	3.375,38 €
QDD-400G-DR4	14	1.147,58 €	16.066,15 €
QDD-2X10G-SR4	20	671,73 €	13.434,59 €
TOTALE			151.784,69 €

colonna1	colonna2	colonna3	colonna4
CABLAGGIO	Quantità	Costo Unitario (EURO, IVA esclusa)	Costo Totale (EURO, IVA esclusa)
128-6H460-10W	9	4,49 €	40,41 €
145-6H460-10G	17	4,49 €	76,33 €
159-6H460-10R	17	4,49 €	76,33 €
VPC-52D1LCLC0030	146	13,19 €	1.925,36 €
VPC-M4D1LCLC0030	4	16,13 €	64,50 €
U2LSM1-41C	12	543,68 €	6.524,16 €
SFUHD-6MB	10	72,45 €	724,48 €
HDX1F-144	18	134,67 €	2.424,08 €
NMCCACCM001	18	10,71 €	192,73 €
UP8AMM-80020-S	24	158,11 €	3.794,59 €
FT-FG024K00300SCSCH-NNBS	29	276,74 €	8.025,33 €
UP8AMM-80030-S	92	158,97 €	14.624,85 €
S48AMM-80030-S	167	108,70 €	18.152,25 €
S48AMM-80050-S	34	115,01 €	3.910,26 €
UP8AMM-80050-S	19	159,62 €	3.032,85 €
TOTALE			63.588,52 €

colonna1	colonna2
SUITE DI STRUMENTI PER LA GESTIONE	Costo UT (EURO, IVA esclusa)
Suite di strumenti hardware e software per la gestione operativa e l'automazione dei processi gestionali della rete - licenze	20.961,09 €
TOTALE	20.961,09 €

colonna1	colonna2
COSTI DI INSTALLAZIONE	Costo Totale (EURO, IVA esclusa)
Costi di installazione	81.272,14 €
TOTALE	81.272,14 €

colonna1	colonna2
COSTI SUPPORTO MIGRAZIONE	Costo Totale (EURO, IVA esclusa)
Costo di supporto migrazione	27.471,35 €
TOTALE	27.471,35 €

colonna1	colonna2	colonna3
SERVIZIO DI ASSISTENZA SPECIALISTICA E MANUTENZIONE	Costo Totale Annuo (EURO, IVA esclusa)	Costo Totale per 5 Anni (EURO, IVA esclusa)
Servizi di Assistenza e Supporto Apparat (servizio di assistenza specialistica e manutenzione, servizio di risoluzione dei guasti, servizio di manutenzione ordinaria e straordinaria.)	111.327,19 €	556.635,96 €
Servizio di garanzia e gestione delle scorte	28.453,20 €	142.266,00 €
Servizio di aggiornamento software degli apparati e dei sistemi di gestione	24.051,90 €	120.259,48 €
TOTALE	163.832,29 €	819.161,44 €

colonna1	colonna2	colonna3
SERVIZI PROFESSIONALI	Quantità (mesi)	Costo UT (EURO, IVA esclusa)
Servizio di Supporto Professionale start-up rete (disegno di rete, espansione, sviluppo suite di gestione)	4	79.821,94 €
Servizio di attivazione, gestione, supervisione e controllo della Suite di gestione hardware e software per l'automazione della rete	5	372.549,75 €
TOTALE		452.371,69 €

colonna1	colonna2	colonna3	colonna4
RIEPILOGO DELLA FORNITURA	Costo Una Tantum (EURO, IVA esclusa)	Costo Annuale Ricorrente (EURO, IVA esclusa)	Costo Ricorrente per 5 ANNI (EURO, IVA esclusa)
APPARATI	2.615.591,70 €	143.997,97 €	719.989,86 €
SCORTE	240.797,30 €		
OTTICHE	151.784,69 €		
CABLAGGIO	63.588,52 €		
SUITE DI STRUMENTI HARDWARE E SOFTWARE PER LA GESTIONE OPERATIVA E L'AUTOMAZIONE DEI PROCESSI GESTIONALI IN RETE	20.961,09 €	0,00 €	0,00 €
COSTI DI INSTALLAZIONE	81.272,14 €		
SUPPORTO MIGRAZIONE	27.471,35 €		
SERVIZIO DI ASSISTENZA SPECIALISTICA E MANUTENZIONE		163.832,29 €	819.161,44 €
SERVIZI PROFESSIONALI	452.371,69 €		
TOTALE (per voci di costo)	CINV	CANN	COPS = 5 X CANN
TOTALE FORNITURA		CICO = CINV + COPS	
	3.653.838,48 €	307.830,26 €	1.539.151,30 €
		5.192.989,77 €	

Il costo della manodopera relativa ai servizi di installazione, supporto alla migrazione, di assistenza specialistica e manutenzione e servizi professionali, è pari a 1.380.276,61 €

Gli oneri della sicurezza sono inclusi nei costi di installazione e sono pari al 0,5% dei costi di installazione

Associazione tipologia-modello

Tipologia apparato	Modello Offerto	Quantità
Leaf	MX204	3
Leaf	MX304	4
Leaf	MX480	1
Edge	MX304	2
TOTALE		10

Kit-List (Apparati di rete)

Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)	Costo Unitario Manutenzione Annuo (Euro, IVA esclusa)	Costo Totale Manutenzione Annuo (EURO, IVA esclusa)	Costo Totale Manutenzione per 5 Anni (EURO, IVA esclusa)
MX204-HW-BASE	MX204 Integrated SKU with Base HW + Standard Junos SW, Perpetual	3	€ 1.319,82	€ 3.959,46	€ 479,52	€ 1.438,55	€ 7.192,77
QBL-EX-PWR-CL3-EU	Power Cable EU	6	€ -	€ 2,28	€ -	€ -	€ -
JPSU-650W-AC-AO-BB	JNP204 AC power supply air flow out Base	6	€ -	€ -	€ -	€ -	€ -
JUNOS-64-BB	Junos 64-Bit Standard Base Bundle	3	€ -	€ -	€ -	€ -	€ -
JNP204-CHAS-BB	JNP204 Universal Chassis Base	3	€ -	€ -	€ -	€ -	€ -
JNP-FAN-1RU-BB	Universal Fan, 1RU, Base	9	€ -	€ -	€ -	€ -	€ -
S-MX-4C-PL-C1-P	SW, MX, 4x100GE ports, Pre1, Class 1, w/out SW Support, Perpetual	3	€ 8.520,10	€ 25.560,30	€ 847,97	€ 2.543,90	€ 12.719,49
MX304-PREM	MX304 Prem Chassis - price includes 2 Routing Engine, 2 power supplies & 3 fan trays	6	€ 21.117,14	€ 126.702,87	€ 1.432,10	€ 8.592,59	€ 42.962,97
JNP-PWR2200-AC-BB	Universal AC Power Supply, 2200W, Base	12	€ -	€ -	€ -	€ -	€ -
JUNOS-64-BB	Junos 64-Bit Standard Base Bundle	6	€ -	€ -	€ -	€ -	€ -
QBL-EX-PWR-CL19-T	AC Power Cable - Italy (16A/250V, 2.5m)	12	€ 11,41	€ 136,87	€ -	€ -	€ -
JNP304-RE-BB	JNP304 Routing Engine, BASE	12	€ -	€ -	€ -	€ -	€ -
JNP304-CHAS-BB	JNP304 Chassis Base unit	6	€ -	€ -	€ -	€ -	€ -
JNP-FAN-2RU-BB	Universal Fan, 2RU, Base	18	€ -	€ -	€ -	€ -	€ -
MX304-LMIC16-BASE	MX304 1.6T Combo LMIC 16x100G / 4x400G-Integrated SKU with Base HW+Standard Junos SW, Perpetual	12	€ 6.830,48	€ 81.965,80	€ 415,79	€ 4.989,42	€ 24.947,10
S-MX-1C-PL-C1-P	SW, MX, 1x100GE ports, Pre1, Class 1, w/out SW Support, Perpetual	119	€ 6.418,16	€ 763.760,53	€ 320,79	€ 38.174,52	€ 190.872,59
MX480-PREMIUM3-AC	MX480 Premium Chassis Bundle with Enhanced Midplane. Also includes redundant RE, redundant SCB-E, redundant AC Power	1	€ 18.576,05	€ 18.576,05	€ 1.006,16	€ 1.006,16	€ 5.030,78
RE-S-X6-128G-S-BB	Routing Engine - 6 Core 2.0GHz with 128G Memory, Secure Boot, Base Bundle for MX240/MX480/MX960	2	€ -	€ -	€ -	€ -	€ -
SCB3-MX-BB	Enhanced MX Switch Control Board, Base Bundle	2	€ 1.761,52	€ 3.523,04	€ -	€ -	€ -
QBL-M-PWR-RA-EU	MX20 AC Power Cable, EU, Right Angle	4	€ 14,55	€ 58,18	€ -	€ -	€ -
JUNOS-64-BB	JUNOS 64-Bit Standard Software Suite	1	€ -	€ -	€ -	€ -	€ -
FFANTRAY-MX480-HC-BB	MX480 High Capacity fantray, configurable option in base bundle	1	€ -	€ -	€ -	€ -	€ -
PWR-MX480-2520-AC-BB	2520W AC Power Supply, configurable option in base bundle (Note: AC power cords are sold separately)	4	€ -	€ -	€ -	€ -	€ -
MPC10E-10C-P-BASE	MPC10E-10C Integrated SKU with Base HW + Standard JUNOS SW, Perpetual	10	€ 21.243,18	€ 212.431,84	€ 1.554,25	€ 15.542,48	€ 77.712,41
S-MX-1C-PL-P	SW MPC10E 1x100GE port	104	€ 10.621,89	€ 1.104.676,27	€ 542,50	€ 56.419,87	€ 282.099,35
MPC7E-10G-RB	40 x10GE SFP + port line card bundle, price includes full scale L3, L2 and L2.5 features. Optics sold separately.	1	€ 41.081,74	€ 82.163,48	€ 4.976,94	€ 9.953,89	€ 49.769,45
S-PTX10K-400G-P2-P	SW, PTX10K, 400G, Pre2, without SW support, Perpetual, JAL required	19	€ 10.108,60	€ 192.063,31	€ 280,87	€ 5.336,59	€ 26.682,95
TOTALE				€ 2.615.591,70	€ 143.997,97	€ 719.989,86	

Kit-List (Ottiche)

Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)
QSFP-100G-SR4-C	QSFP28 100GBase-SR4 Optics for up to 100m transmission over parallel MMF	75	€ 119,23	€ 8.942,20
QSFP-100G-LR4-C	QSFP28 100GBase-L4 Optics for up to 10km transmission over serial SMF	25	€ 540,03	€ 13.500,74
SFP-10G-SR-C	SFP+ 10GE pluggable transceiver, MMF, 850nm for 300m transmission	2	€ 22,51	€ 45,02
SFP-10G-LR-C	SFP+ 10GE pluggable transceiver, SMF, 1310nm for 10KM transmission	13	€ 31,33	€ 407,27
SFP-10G-ZR	SFP+ 10GE pluggable transceiver, SMF, 1550nm for 80KM transmission	1	€ 1.190,92	€ 1.190,92
SFP-1G-L-C	GE SFP 1G Plug-In, Module, Spare, MX, A2/JA0, M320/T640/T320, M120	8	€ 24,79	€ 198,31
SFP-1GE-LH	GE SFP 1G Plug-In, Module, Spare, M160, T320/T640	1	€ 203,18	€ 203,18
SFP-1G-T-C	GE SFP- 1000BASE-T Plug-In, Module, M10/M10L, M160, M320, M40/M40e T320/T640	5	€ 36,80	€ 184,01
QSFP-4X10G-LR	QSFP+ 4X10GBase LR ETHERNET MODULE	12	€ 675,08	€ 8.100,90
QDD-400G-DR4	QSFP56-DO 400G DR4 pluggable transceiver and also 4x100G DR	92	€ 1.147,58	€ 105.577,55
QDD-2X100G-SR4	QSFP28-DO 2x100G SR4 pluggable transceiver	20	€ 671,73	€ 13.434,59
TOTALE				€ 151.784,69

Kit-List (Cablaggio)

Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)
128-6H460-10W	High-Flex Cat 6 Patch Cord CM/LSZH Color Green 10 Ft (3.0M) Long	9	€ 4,49	€ 40,41
145-6H460-10G	High-Flex Cat 6 Patch Cord CM/LSZH Color White 10 Ft (3.0M) Long	17	€ 4,49	€ 76,33
159-6H460-10R	High-Flex Cat 6 Patch Cord CM/LSZH Color Red 10 Ft (3.0M) Long	17	€ 4,49	€ 76,33
VPC-52D1LCLC0030	Fiber Patch Cord OS2 Singlemode Yellow 1.6 mm DUP-ZIP, LC/UPC-LC/UPC, 3.0 Meters	146	€ 13,19	€ 1.925,36
VPC-M4D1LCLC0030	Fiber Patch Cord OM4 Multimode Heather Violet 1.6 mm DUP-ZIP, LC/UPC-LC/UPC, 3.0 Meters	4	€ 16,13	€ 64,50
U2L3MFE-31C	HDX2 UNITY MTP CASSETTE, 24-FIBER OS2, LC SHUTTERED (BLUE) TO 3X8-FIBER MTP(MALE), CONVERSION 4-1, B	12	€ 549,68	€ 6.596,16
SFLND-6HB	HDX ADAPTER PLATE 6-F MTP (BLACK) KEYED UP TO KEYED UP	10	€ 72,45	€ 724,48
HDX1F-144	HDX2 1RU Flat Panel 144	18	€ 134,67	€ 2.424,08
NMCCCM001	1U 19 PATCH LEAD ORGANISER 5 RINGS	18	€ 10,71	€ 192,73
UP8AMM-80020-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 2.0 meters Euroclass Eca, Method B, 8-Fiber Female MTP LL 0.35db to 8-Fiber Female	24	€ 158,11	€ 3.794,59
FT-FG024K003005C05CN-NVBS	Enterprise DC Low Loss Fiber Trunk 24-Fiber OM4 Multimode Heather Violet 3.0 meters Euroclass Cca, Method B, 0.5m Straight Tails with 24-Fiber Ferr	29	€ 276,74	€ 8.025,33
UP8AMM-80030-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 3.0 meters Euroclass Eca, Method B, 8-Fiber Female MTP LL 0.35db to 8-Fiber Female	92	€ 158,97	€ 14.624,85
S48AMM-80030-S	8-Fiber OM4 Multimode 3.0 meters Euroclass Eca Array Cable Array Cord, Method B, 8-Fiber Female MTP to 8-Fiber Female MTP Connectors with Stand	167	€ 108,70	€ 18.152,25
S48AMM-80050-S	8-Fiber OM4 Multimode 5.0 meters HFR-L5 Euroclass Eca Array Cord, Method B, 8-Fiber Female MTP to 8-Fiber Female MTP Connectors with Standard	34	€ 115,01	€ 3.910,26
UP8AMM-80050-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 5.0 meters Euroclass Eca, Method B, 8-Fiber Female MTP LL 0.35db to 8-Fiber Female	19	€ 159,62	€ 3.032,85
TOTALE				€ 63.588,52

SUITE DI GESTIONE (hardware e software)

Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)	Costo Unitario Manutenzione Annua (Euro, IVA esclusa)	Costo Totale Manutenzione Annua (EURO, IVA esclusa)	Costo Totale Manutenzione per 5 Anni (EURO, IVA esclusa)
PARAGON Pathfinder							
S-PPF-10-A1-C2-3	SW, Paragon Pathfinder, 10 Device, Advanced 1, Class 2 Device, with SVC Customer Support, 3 Year	1	€ 3.121,98	€ 3.121,98	€ -	€ -	€ -
S-PPF-1-A1-C3-3	SW, Paragon Pathfinder, 1 Device, Advanced 1, Class 3 Device, with SVC Customer Support, 3 Year	5	€ 1.348,97	€ 6.744,83	€ -	€ -	€ -
PARAGON insights							
S-PIN-10-A1-C2-3	SW, Paragon Insights, 10 Devices, Advanced 1, Class 2 Device, with SVC Customer Support, 3 Year	1	€ 3.667,52	€ 3.667,52	€ -	€ -	€ -
S-PIN-1-A1-C3-3	SW, Paragon Insights, 1 Device, Advanced 1, Class 3 Device, with SVC Customer Support, 3 Year	5	€ 1.485,35	€ 7.426,76	€ -	€ -	€ -
TOTALE				€ 20.961,09		€ -	€ -

SCORTE

Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)
MX204-HW-BASE	MX204 Integrated SKU with Base HW + Standard Junos SW, Perpetual	1	€ 1.319,82	€ 1.319,82
CBL-EX-PWR-C13-EU	Power Cable, EU	2	€ 2,28	€ 4,56
IPSU-650W-AC-AO-BB	JNP204 AC power supply air flow out Base	2	€ -	€ -
JUNOS-64-BB	Junos 64-Bit Standard Base Bundle	1	€ -	€ -
JNP204-CHAS-BB	JNP204 Universal Chassis Base	1	€ -	€ -
JNP-FAN-1RU-BB	Universal Fan, 1RU, Base	3	€ -	€ -
MX480-PREMIUM3-AC	MX480 Premium Chassis Bundle with Enhanced Midplane. Also includes redundant RE, redundant SCB-E, redundant AC Power	1	€ 18.576,05	€ 18.576,05
RE-S-X6-128G-S-BB	Routing Engine - 6 Core 2.0GHz with 128G Memory, Secure Boot, Base Bundle for MX240/MX480/MX960	2	€ -	€ -
SCBE3-MX-BB	Enhanced MX Switch Control Board, Base Bundle	2	€ 1.761,52	€ 3.523,04
CBL-M-PWR-RA-EU	M320 AC Power Cable, EU, Right Angle	4	€ 14,55	€ 58,18
JUNOS-64-BB	JUNOS 64-Bit Standard Software Suite	1	€ -	€ -
FFANTRAY-MX480-HC-BB	MX480 High Capacity fantray, configurable option in base bundle	1	€ -	€ -
PWR-MX480-2520-AC-BB	2520W AC Power Supply, configurable option in base bundle (Note: AC power cords are sold separately)	4	€ -	€ -
MPC10E-10C-P-BASE	MPC10E-10C Integrated SKU with Base HW + Standard JUNOS SW, Perpetual	1	€ 21.243,18	€ 21.243,18
MPC7E-10G-RB	40 x 10GE SFP + port line card bundle, price includes full scale L3, L2 and L2.5 features. Optics sold separately.	1	€ 41.081,74	€ 41.081,74
MX304-PREM	MX304 Prem Chassis - price includes 2 Routing Engine, 2 power supplies & 3 fan trays	3	€ 21.117,14	€ 63.351,43
JNP-PWR2200-AC-BB	Universal AC Power Supply, 2200W, Base	6	€ -	€ -
JUNOS-64-BB	Junos 64-Bit Standard Base Bundle	3	€ -	€ -
CBL-EX-PWR-C19-IT	AC Power Cable - Italy (16A/250V, 2.5m)	6	€ 11,41	€ 68,44
JNP304-RE-BB	JNP304 Routing Engine, BASE	6	€ -	€ -
JNP304-CHAS-BB	JNP304 Chassis Base unit	3	€ -	€ -
JNP-FAN-2RU-BB	Universal Fan, 2RU, Base	9	€ -	€ -
MX304-LMIC16-BASE	MX304 1.6T Combo LMIC 16x100G / 4x400G-Integrated SKU with Base HW+Standard Junos SW, Perpetual	6	€ 6.830,48	€ 40.982,90
QSFP-100G-SR4-C	QSFP28 100GBASE-SR4 Optics for up to 100m transmission over parallel MMF	16	€ 119,23	€ 1.907,67
QSFP-100G-LR4-C	QSFP28 100GBASE-L4 Optics for up to 10km transmission over serial SMF	10	€ 540,03	€ 5.400,30
SFP+ 10G-SR-C	SFP+ 10GE pluggable transceiver, MMF, 850nm for 300m transmission	5	€ 22,51	€ 112,54
SFP+ 10G-LR-C	SFP+ 10GE pluggable transceiver, SMF, 1310nm for 10KM transmission	10	€ 31,33	€ 313,28
SFP+ 10GE-ZR	SFP+ 10GE pluggable transceiver, SMF, 1550nm for 80KM transmission	10	€ 1.190,92	€ 11.909,24
SFP-1G-LX-C	GE SFP LX Plug In, Module, Spare, MX, A2/A10, M320/T640/T320, M120	1	€ 24,79	€ 24,79
SFP-1GE-LH	GE SFP LH Plug-in, Module, Spare, M160, T320/T640	1	€ 203,18	€ 203,18
SFP-1G-T-C	GE SFP, 1000BASE-T Plug-in, Module, M10/M10i, M160, M320, M40/M40e T320/T640	1	€ 36,80	€ 36,80
QSFP+ 4X10GE-LR	QSFP+ 4X10GBASE LR ETHERNET MODULE	5	€ 675,08	€ 3.375,38
QDD-400G-DR4	QSFP56-DD 400G DR4 pluggable transceiver and also 4x100G DR	14	€ 1.147,58	€ 16.066,15
QDD-2X100G-SR4	QSFP28-DD 2x100G SR4 pluggable transceiver	6	€ 671,73	€ 4.030,38
128-6H460-10W	High-Flex Cat 6 Patch Cord CM/LSZH Color Green 10 ft (3.0M) Long	1	€ 4,49	€ 4,49
145-6H460-10G	High-Flex Cat 6 Patch Cord CM/LSZH Color White 10 ft (3.0M) Long	2	€ 4,49	€ 8,98
159-6H460-10R	High-Flex Cat 6 Patch Cord CM/LSZH Color Red 10 ft (3.0M) Long	2	€ 4,49	€ 8,98
VPC-S2D1LCLC0030	Fiber Patch Cord OS2 Singlemode Yellow 1.6 mm DUP-ZIP, LC/UPC-LC/UPC, 3.0 Meters	15	€ 13,19	€ 197,81
VPC-M4D1LCLC0030	Fiber Patch Cord OM4 Multimode Heather Violet 1.6 mm DUP-ZIP, LC/UPC-LC/UPC, 3.0 Meters	1	€ 16,13	€ 16,13
U2LSM1-41C	HDX2 UNITY MTP CASSETTE, 24-FIBER OS2, LC SHUTTERED (BLUE) TO 3X8-FIBER MTP(MALE), CONVERSION 4:1, B	2	€ 543,68	€ 1.087,36
SFUHD-6MB	HDX ADAPTER PLATE 6-F MTP (BLACK) KEYPED UP TO KEYPED UP	1	€ 72,45	€ 72,45
HDX1F-144	UHDX 1RU Flat Panel 144	2	€ 134,67	€ 269,34
MMCACCM001	1U 19 PATCH LEAD ORGANISER 5 RINGS	2	€ 10,71	€ 21,41
UP8AMM-B0020-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 2.0 meters Euroclass Eca, Method B, 8-Fiber Female MTP LL 0.35db to 8-Fiber Female MTP LL 0.35db	3	€ 158,11	€ 474,32
FT-FG024JK003005C05CN-NBNS	Enterprise DC Low Loss Fiber Trunk 24-Fiber OM4 Multimode Heather Violet 3.0 metres Euroclass Cca, Method B, 0.5m Straight Tails with 24-Fiber Female MTP LL 0.35db to 8-Fiber Female MTP LL 0.35db	3	€ 276,74	€ 830,21
UP8AMM-B0030-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 3.0 meters Euroclass Eca, Method B, 8-Fiber Female MTP LL 0.35db to 8-Fiber Female MTP LL 0.35db	10	€ 158,97	€ 1.589,66
548AMM-B0030-S	8-Fibre OM4 Multimode 3.0 meters Euroclass Eca Array Cable Array Cord, Method B, 8-Fibre Female MTP to 8-Fibre Female MTP Connectors with Standard Labelling	17	€ 108,70	€ 1.847,83
548AMM-B0050-S	8-Fibre OM4 Multimode 5.0 meters HFFR-LS Euroclass Eca Array Cord, Method B, 8-Fibre Female MTP to 8-Fibre Female MTP Connectors with Standard Labelling	4	€ 115,01	€ 460,03
UP8AMM-B0050-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 5.0 meters Euroclass Eca, Method B, 8-Fiber Female MTP LL 0.35db to 8-Fiber Female MTP LL 0.35db	2	€ 159,62	€ 319,25
			TOTALE	€ 240.797,30

POP	APPARATO ATTUALE	APPARATO NUOVO	FUNZIONE	GIORNI
SA00	MX204	MX480	LEAF-1	1
BO06	MX10k3	MX304	LEAF-1	1
NA01	MX204	MX304	LEAF-3	1
MI01	MX10k3	MX304	EDGE	1
MI02	MX10k3	MX304	EDGE	1
TOTALE				5

OTTICHE				
Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)
QSFP-100G-SR4-C	QSFP28 100GBase-SR4 Optics for up to 100m transmission over parallel MMF	0	€ 119,23	€ -
QSFP-100G-LR4-C	QSFP28 100GBase-L4 Optics for up to 10km transmission over serial SMF	0	€ 540,03	€ -
SFP-10G-SR-C	SFP+ 10GE pluggable transceiver, MMF, 850nm for 300m transmission	0	€ 22,51	€ -
SFP-10G-LR-C	SFP+ 10GE pluggable transceiver, SMF, 1310nm for 10KM transmission	0	€ 31,33	€ -
SFP-10GE-ZR	SFP+ 10GE pluggable transceiver, SMF, 1550nm for 80KM transmission	0	€ 1.190,92	€ -
SFP-1G-LX-C	GE SFP LX Plug In, Module, Spare, MX, A2/A10, M320/T640/T320, M120	0	€ 24,79	€ -
SFP-1GE-LH	GE SFP LH Plug-in, Module, Spare, M160, T320/T640	0	€ 203,18	€ -
SFP-1G-T-C	GE SFP, 1000BASE-T Plug-in, Module, M10/M10i, M160, M320, M40/M40e T320/T640	0	€ 36,80	€ -
QSFP-4X10GE-LR	QSFP+ 4X10GBASE LR ETHERNET MODULE	2	€ 675,08	€ 1.350,15
QDD-400G-DR4	QSFP56-DD 400G DR4 pluggable transceiver and also 4x100G DR	0	€ 1.147,58	€ -
QDD-2X100G-SR4	QSFP28-DD 2x100G SR4 pluggable transceiver	0	€ 671,73	€ -
			TOTALE	€ 1.350,15

Kit-List (Cablaggio)

Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)
128-6H460-10W	High-Flex Cat 6 Patch Cord CM/LSZH Color Green 10 ft (3.0M) Long	0	€ 4,49	€ -
145-6H460-10G	High-Flex Cat 6 Patch Cord CM/LSZH Color White 10 ft (3.0M) Long	0	€ 4,49	€ -
159-6H460-10R	High-Flex Cat 6 Patch Cord CM/LSZH Color Red 10 ft (3.0M) Long	0	€ 4,49	€ -
VPC-S2D1LCLC0030	Fiber Patch Cord OS2 Singlemode Yellow 1.6 mm DUP-ZIP, LC/UPC-LC/UPC, 3.0 Meters	12	€ 13,19	€ 158,25
VPC-M4D1LCLC0030	Fiber Patch Cord OM4 Multimode Heather Violet 1.6 mm DUP-ZIP, LC/UPC-LC/UPC, 3.0 Meters	0	€ 16,13	€ -
U2LSM1-41C	HDX2 UNITY MTP CASSETTE, 24-FIBER OS2, LC SHUTTERED (BLUE) TO 3X8-FIBER MTP(MALE)	2	€ 543,68	€ 1.087,36
5FUHD-6MB	HDX ADAPTER PLATE 6-F MTP (BLACK) KEYED UP TO KEYED UP	0	€ 72,45	€ -
HDX1F-144	UHDX 1RU Flat Panel 144	2	€ 134,67	€ 269,34
MMCACCCM001	1U 19 PATCH LEAD ORGANISER 5 RINGS	2	€ 10,71	€ 21,41
UP8AMM-B0020-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 2.0 meters Euroclass Eca	4	€ 158,11	€ 632,43
FT-FG024JK003005C05CN-NNBS	Enterprise DC Low Loss Fiber Trunk 24-Fiber OM4 Multimode Heather Violet 3.0 metres Euroclass Eca	0	€ 276,74	€ -
UP8AMM-B0030-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 3.0 meters Euroclass Eca	0	€ 158,97	€ -
548AMM-B0030-S	8-Fibre OM4 Multimode 3.0 meters Euroclass Eca Array Cable Array Cord, Method B, 8-Fibre Fe	0	€ 108,70	€ -
548AMM-B0050-S	8-Fibre OM4 Multimode 5.0 meters HFFR-LS Euroclass Eca Array Cord, Method B, 8-Fibre Fe	0	€ 115,01	€ -
UP8AMM-B0050-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 5.0 meters Euroclass Eca	0	€ 159,62	€ -
			TOTALE	€ 2.168,80

LEAF								
Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)	Costo Unitario Manutenzione Annuo (Euro, IVA esclusa)	Costo Totale Manutenzione Annuo (Euro, IVA esclusa)	Costo Totale Manutenzione per 5 Anni (EURO, IVA esclusa)	
MX204-HW-BASE	MX204 Integrated SKU with Base HW + Standard Junos SW, Perpetual	1	€ 1.319,82	€ 1.319,82	€ 479,52	€ 479,52	€ 2.397,59	
CBI-EX-PWR-C13-EU	Power Cable, EU	2	€ 2,28	€ 4,56	-	-	€ -	
JPSU-650W-AC-AO-BB	JNP204 AC power supply air flow out Base	2	€ -	€ -	-	-	€ -	
JUNOS-64-BB	Junos 64-Bit Standard Base Bundle	1	€ -	€ -	-	-	€ -	
JNP204-CHAS-BB	JNP204 Universal Chassis Base	1	€ -	€ -	-	-	€ -	
JNP-FAN-1RU-BB	Universal Fan, 1RU, Base	3	€ -	€ -	-	-	€ -	
S-MX-4C-P1-C1-P	SW, MX, 4x100GE ports, Pre1, Class 1, w/out SW Support, Perpetual	1	€ 8.520,10	€ 8.520,10	€ 847,97	€ 847,97	€ 4.239,83	
TOTALE			€	€ 9.844,49	€	€ 1.327,48	€ 6.637,42	

OTTICHE				
Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)
QSFP-100G-SR4-C	QSFP28 100GBase-SR4 Optics for up to 100m transmission over parallel MMF	2	€ 119,23	€ 238,46
QSFP-100G-LR4-C	QSFP28 100GBase-L4 Optics for up to 10km transmission over serial SMF	1	€ 540,03	€ 540,03
SFP-10G-SR-C	SFP+ 10GE pluggable transceiver, MMF, 850nm for 300m transmission	1	€ 22,51	€ 22,51
SFP-10G-LR-C	SFP+ 10GE pluggable transceiver, SMF, 1310nm for 10KM transmission	2	€ 31,33	€ 62,66
SFP-10G-ZR	SFP+ 10GE pluggable transceiver, SMF, 1550nm for 80KM transmission	0	€ 1.190,92	€ -
SFP-1G-LX-C	GE SFP LX Plug-in, Module, Spare, MX, A2/A10, M320/T640/T320, M120	2	€ 24,79	€ 49,58
SFP-1G-LH	GE SFP LH Plug-in, Module, Spare, M160, T320/T640	0	€ 203,18	€ -
SFP-1G-T-C	GE SFP, 1000BASE-T Plug-in, Module, M10/M10i, M160, M320, M40/M40e T320/T640	1	€ 36,80	€ 36,80
QSFP-4X10G-LR	QSFP+ 4X10GBASE LR ETHERNET MODULE	0	€ 675,08	€ -
QDD-400G-DR4	QSFP56-DD 400G DR4 pluggable transceiver and also 4x100G DR	0	€ 1.147,58	€ -
QDD-2X100G-SR4	QSFP28-DD 2x100G SR4 pluggable transceiver	0	€ 671,73	€ -
TOTALE			€	€ 950,03

Kit-List (Cablaggio)				
Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)
128-6H460-10W	High-Flex Cat 6 Patch Cord CM/LSZH Color Green 10 ft (3.0M) Long	2	€ 4,49	€ 8,98
145-6H460-10G	High-Flex Cat 6 Patch Cord CM/LSZH Color White 10 ft (3.0M) Long	1	€ 4,49	€ 4,49
159-6H460-10R	High-Flex Cat 6 Patch Cord CM/LSZH Color Red 10 ft (3.0M) Long	1	€ 4,49	€ 4,49
VPC-S2D1LCLC0030	Fiber Patch Cord OS2 Singlemode Yellow 1.6 mm DUP-ZIP, LC/UPC-LC/UPC, 3.0 Meters	8	€ 13,19	€ 105,50
VPC-M4D1LCLC0030	Fiber Patch Cord OM4 Multimode Heather Violet 1.6 mm DUP-ZIP, LC/UPC-LC/UPC, 3.0 Meters	2	€ 16,13	€ 32,25
UZLSM1-41C	HDX2 UNITY MTP CASSETTE, 24-FIBER OS2, LC SHUTTERED (BLUE) TO 3X8-FIBER MTP(MALE), CONVERSION	0	€ 543,68	€ -
SFUHD-6MB	HDX ADAPTER PLATE 6-F MTP (BLACK) KEYED UP TO KEYED UP	0	€ 72,45	€ -
HDX3F-144	UHDX 1RU Flat Panel 144	0	€ 134,67	€ -
MMCACCCM001	1U 19 PATCH LEAD ORGANISER 5 RINGS	0	€ 10,71	€ -
UP8AMM-80020-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 2.0 meters Euroclass Eca, Method B, 8-f	0	€ 158,11	€ -
FT-FG024K003005C05CN-NNBS	Enterprise DC Low Loss Fiber Trunk 24-Fiber OM4 Multimode Heather Violet 3.0 metres Euroclass Cca, Me	0	€ 276,74	€ -
UP8AMM-80030-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 3.0 meters Euroclass Eca, Method B, 8-f	0	€ 158,97	€ -
548AMM-80030-S	8-Fibre OM4 Multimode 3.0 meters Euroclass Eca Array Cable Array Cord, Method B, 8-Fibre Female MTP	3	€ 108,70	€ 326,09
548AMM-80050-S	8-Fibre OM4 Multimode 5.0 meters HFFR-LS Euroclass Eca Array Cord, Method B, 8-Fibre Female MTP to 8	0	€ 115,01	€ -
UP8AMM-80050-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 5.0 meters Euroclass Eca, Method B, 8-f	0	€ 159,62	€ -
TOTALE			€	€ 481,80

LEAF								
Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)	Costo Unitario Manutenzione Annuale (Euro, IVA esclusa)	Costo Totale Manutenzione Annuale (EURO, IVA esclusa)	Costo Totale Manutenzione per 5 Anni (EURO, IVA esclusa)	
MX204-HW-BASE	MX204 Integrated SKU with Base HW + Standard Junos SW, Perpetual	1	€ 1.319,82	€ 1.319,82	€ 479,52	€ 479,52	€ 2.397,59	
CBL-EX-PWR-C13-EU	Power Cable, EU	2	€ 2,28	€ 4,56	€ -	€ -	€ -	
JPSU-650W-AC-AO-BB	JNP204 AC power supply air flow out Base	2	€ -	€ -	€ -	€ -	€ -	
JUNOS-64-BB	Junos 64-Bit Standard Base Bundle	1	€ -	€ -	€ -	€ -	€ -	
JNP204-CHAS-BB	JNP204 Universal Chassis Base	1	€ -	€ -	€ -	€ -	€ -	
JNP-FAN-1RU-BB	Universal Fan, 1RU, Base	3	€ -	€ -	€ -	€ -	€ -	
S-MX-4C-P1-C1-P	SW, MX, 4x100GE ports, Pre1, Class 1, w/out SW Support, Perpetual	1	€ 8.520,10	€ 8.520,10	€ 847,97	€ 847,97	€ 4.239,83	
TOTALE			€ 9.844,49	€ 9.844,49	€ 1.327,48	€ 1.327,48	€ 6.637,42	

OTTICHE				
Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)
QSFP-100G-SR4-C	QSFP28 100GBase-SR4 Optics for up to 100m transmission over parallel MMF	2	€ 119,23	€ 238,46
QSFP-100G-LR4-C	QSFP28 100GBase-L4 Optics for up to 10km transmission over serial SMF	1	€ 540,03	€ 540,03
SFP-10G-SR-C	SFP+ 10GE pluggable transceiver, MMF, 850nm for 300m transmission	1	€ 22,51	€ 22,51
SFP-10G-LR-C	SFP+ 10GE pluggable transceiver, SMF, 1310nm for 10KM transmission	1	€ 31,33	€ 31,33
SFP-10GE-ZR	SFP+ 10GE pluggable transceiver, SMF, 1550nm for 80KM transmission	0	€ 1.190,92	€ -
SFP-1G-LX-C	GE SFP LX Plug-in, Module, Spare, MX, A2/A10, M320/T640/T320, M120	1	€ 24,79	€ 24,79
SFP-1G-LH	GE SFP LH Plug-in, Module, Spare, M160, T320/T640	0	€ 203,18	€ -
SFP-1G-T-C	GE SFP, 1000BASE-T Plug-in, Module, M10/M10i, M160, M320, M40/M40e T320/T640	2	€ 36,80	€ 73,61
QSFP-4X10GE-LR	QSFP+ 4X10GBase LR ETHERNET MODULE	0	€ 675,08	€ -
QDD-400G-DR4	QSFP56-DD 400G DR4 pluggable transceiver and also 4x100G DR	0	€ 1.147,58	€ -
QDD-2X100G-SR4	QSFP28-DD 2x100G SR4 pluggable transceiver	0	€ 671,73	€ -
TOTALE			€ 930,72	€ 930,72

Kit-List (Cablaggio)

Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)
128-6H460-10W	High-Flex Cat 6 Patch Cord CM/LSZH Color Green 10 ft (3.0M) Long	3	€ 4,49	€ 13,47
145-6H460-10G	High-Flex Cat 6 Patch Cord CM/LSZH Color White 10 ft (3.0M) Long	1	€ 4,49	€ 4,49
159-6H460-10R	High-Flex Cat 6 Patch Cord CM/LSZH Color Red 10 ft (3.0M) Long	1	€ 4,49	€ 4,49
VPC-S2D1LCLC0030	Fiber Patch Cord OS2 Singlemode Yellow 1.6 mm DUP-ZIP, LC/UPC-LC/UPC, 3.0 Meters	5	€ 13,19	€ 65,94
VPC-MD1LCLC0030	Fiber Patch Cord OM4 Multimode Heather Violet 1.6 mm DUP-ZIP, LC/UPC-LC/UPC, 3.0 Meters	2	€ 16,13	€ 32,25
U2LSM1-41C	HDX2 UNITY MTP CASSETTE, 24-FIBER OS2, LC SHUTTERED (BLUE) TO 3X8-FIBER MTP(MALE), CC	0	€ 543,68	€ -
SFUHD-6MB	HDX ADAPTER PLATE 6-F MTP (BLACK) KEYED UP TO KEYED UP	0	€ 72,45	€ -
HDX1F-144	UHDX 1RU Flat Panel 144	0	€ 134,67	€ -
MMCACCCM001	1U 19 PATCH LEAD ORGANISER 5 RINGS	0	€ 10,71	€ -
UP8AMM-B0020-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 2.0 meters Euroclass Eca, Me	0	€ 158,11	€ -
FT-FG024JK003005C05CN-NNBS	Enterprise DC Low Loss Fiber Trunk 24-Fiber OM4 Multimode Heather Violet 3.0 metres Eurocla	0	€ 276,74	€ -
UP8AMM-B0030-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 3.0 meters Euroclass Eca, Me	0	€ 158,97	€ -
548AMM-B0030-S	8-Fibre OM4 Multimode 3.0 meters Euroclass Eca Array Cable Array Cord, Method B, 8-Fibre Fer	3	€ 108,70	€ 326,09
548AMM-B0050-S	8-Fibre OM4 Multimode 5.0 meters HFFR-LS Euroclass Eca Array Cord, Method B, 8-Fibre Femal	0	€ 115,01	€ -
UP8AMM-B0050-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 5.0 meters Euroclass Eca, Me	0	€ 159,62	€ -
TOTALE			€ 446,73	€ 446,73

OTTICHE

Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)
QSFP-100G-SR4-C	QSFP28 100GBase-SR4 Optics for up to 100m transmission over parallel MMF	2	€ 119,23	€ 238,46
QSFP-100G-LR4-C	QSFP28 100GBase-L4 Optics for up to 10km transmission over serial SMF	0	€ 540,03	€ -
SFP-10G-SR-C	SFP+ 10GE pluggable transceiver, MMF, 850nm for 300m transmission	0	€ 22,51	€ -
SFP-10G-LR-C	SFP+ 10GE pluggable transceiver, SMF, 1310nm for 10KM transmission	0	€ 31,33	€ -
SFP-10GE-ZR	SFP+ 10GE pluggable transceiver, SMF, 1550nm for 80KM transmission	0	€ 1.190,92	€ -
SFP-1G-LX-C	GE SFP LX Plug In, Module, Spare, MX, AZ/A10, M320/T640/T320, M120	0	€ 24,79	€ -
SFP-1GE-LH	GE SFP LH Plug-in, Module, Spare, M160, T320/T640	0	€ 203,18	€ -
SFP-1G-T-C	GE SFP, 1000BASE-T Plug-in, Module, M10/M10i, M160, M320, M40/M40e T320/T640	0	€ 36,80	€ -
QSFP-4X10GE-LR	QSFP+ 4X10GBASE LR ETHERNET MODULE	1	€ 675,08	€ 675,08
QDD-400G-DR4	QSFP56-DD 400G DR4 pluggable transceiver and also 4x100G DR	0	€ 1.147,58	€ -
QDD-2X100G-SR4	QSFP28-DD 2x100G SR4 pluggable transceiver	0	€ 671,73	€ -
			TOTALE	€ 913,53

Kit-List (Cablaggio)

Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)
128-6H460-10W	High-Flex Cat 6 Patch Cord CM/LSZH Color Green 10 ft (3.0M) Long	0	€ 4,49	€ -
145-6H460-10G	High-Flex Cat 6 Patch Cord CM/LSZH Color White 10 ft (3.0M) Long	0	€ 4,49	€ -
159-6H460-10R	High-Flex Cat 6 Patch Cord CM/LSZH Color Red 10 ft (3.0M) Long	0	€ 4,49	€ -
VPC-S2D1LCLC0030	Fiber Patch Cord OS2 Singlemode Yellow 1.6 mm DUP-ZIP, LC/UPC-LC/UPC, 3.0 Meters	6	€ 13,19	€ 79,12
VPC-M4D1LCLC0030	Fiber Patch Cord OM4 Multimode Heather Violet 1.6 mm DUP-ZIP, LC/UPC-LC/UPC, 3.0 Meters	0	€ 16,13	€ -
U2LSM1-41C	HDX2 UNITY MTP CASSETTE, 24-FIBER OS2, LC SHUTTERED (BLUE) TO 3X8-FIBER MTP(MALE), CONVERSION 4:1, B	1	€ 543,68	€ 543,68
5FUHD-6MB	HDX ADAPTER PLATE 6-F MTP (BLACK) KEYED UP TO KEYED UP	0	€ 72,45	€ -
HDX1F-144	UHDX 1RU Flat Panel 144	1	€ 134,67	€ 134,67
MMCACCCM001	1U 19 PATCH LEAD ORGANISER 5 RINGS	1	€ 10,71	€ 10,71
UP8AMM-80020-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 2.0 meters Euroclass Eca, Method B, 8-Fiber Female MTP LL 0.	2	€ 158,11	€ 316,22
FT-FG024JK003005C05CN-NNBS	Enterprise DC Low Loss Fiber Trunk 24-Fiber OM4 Multimode Heather Violet 3.0 metres Euroclass Cca, Method B, 0.5m Straight	0	€ 276,74	€ -
UP8AMM-80030-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 3.0 meters Euroclass Eca, Method B, 8-Fiber Female MTP LL 0.	0	€ 158,97	€ -
548AMM-80030-S	8-Fibre OM4 Multimode 3.0 meters Euroclass Eca Array Cable Array Cord, Method B, 8-Fibre Female MTP to 8-Fibre Female MTP	3	€ 108,70	€ 326,09
548AMM-80050-S	8-Fibre OM4 Multimode 5.0 meters HFFR-LS Euroclass Eca Array Cord, Method B, 8-Fibre Female MTP to 8-Fibre Female MTP Cor	0	€ 115,01	€ -
UP8AMM-80050-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 5.0 meters Euroclass Eca, Method B, 8-Fiber Female MTP LL 0.	0	€ 159,62	€ -
			TOTALE	€ 1.410,49

Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (IVA esclusa)	TOTALE Part Number (IVA esclusa)	Costo Unitario Manutenzione Annuale (Euro, IVA esclusa)	Costo Totale Manutenzione Annuale (EURO, IVA esclusa)	Costo Totale Manutenzione per 5 Anni (EURO, IVA esclusa)
MX480 PREMIUM3 AC	MX480 Premium Chassis Bundle with Enhanced Midplane. Also includes redundant RE, redundant SCB-E, redundant AC Power	0	€ 18.576,05	€ -	€ 1.006,16	€ -	€ -
RE-5-16-2365-5-8B	Routing Engine - 5 Core 210Gb with 128GB Memory, Secure Boot, Base Bundle for MX240/MX480/MX960	0	€ -	€ -	€ -	€ -	€ -
SCB3-MX-8B	Enhanced MX Switch Control Board, Base Bundle	0	€ 1.761,52	€ -	€ -	€ -	€ -
CLB-M-PWR-RA-EU	MX320 AC Power Cable, EU, Right Angle	0	€ 34,55	€ -	€ -	€ -	€ -
JUNOS-64-8B	JUNOS 64-Bit Standard Software Suite	0	€ -	€ -	€ -	€ -	€ -
FFANTRAY-MX480-HC-8B	MX480 High Capacity Fantray, configurable option in base bundle	0	€ -	€ -	€ -	€ -	€ -
PWR-MX480-2520-AC-8B	2520W AC Power Supply, configurable option in base bundle (Note: AC power cords are sold separately)	0	€ -	€ -	€ -	€ -	€ -
MPFC20-10G-P-BASE	MPFC20-10G Integrated SKU with Base HW - Standard JUNOS SW, Perpetual	0	€ 21.243,18	€ -	€ -	€ 1.554,25	€ -
5-MX-1C-P1-P	5W MPFC10E 1x100Gb port	8	€ 10.621,89	€ 84.975,10	€ -	€ 547,50	€ 4.339,99
MPCFE-10G-RB	40 x 10GE SFP - port line card bundle, price includes full scale L3, L2 and L2.5 features. Optics sold separately.	0	€ 41.081,74	€ -	€ -	€ 4.976,94	€ -
TOTALE			€	84.975,10	€	€ 4.339,99	€ 21.699,55

Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (IVA esclusa)	TOTALE Part Number (IVA esclusa)	Costo Unitario Manutenzione Annuale (Euro, IVA esclusa)	Costo Totale Manutenzione Annuale (EURO, IVA esclusa)	Costo Totale Manutenzione per 5 Anni (EURO, IVA esclusa)
MX480 PREMIUM3 AC	MX480 Premium Chassis Bundle with Enhanced Midplane. Also includes redundant RE, redundant SCB-E, redundant AC Power	0	€ 18.576,05	€ -	€ 1.006,16	€ -	€ -
RE-5-16-2365-5-8B	Routing Engine - 5 Core 210Gb with 128GB Memory, Secure Boot, Base Bundle for MX240/MX480/MX960	0	€ -	€ -	€ -	€ -	€ -
SCB3-MX-8B	Enhanced MX Switch Control Board, Base Bundle	0	€ 1.761,52	€ -	€ -	€ -	€ -
CLB-M-PWR-RA-EU	MX320 AC Power Cable, EU, Right Angle	0	€ 34,55	€ -	€ -	€ -	€ -
JUNOS-64-8B	JUNOS 64-Bit Standard Software Suite	0	€ -	€ -	€ -	€ -	€ -
FFANTRAY-MX480-HC-8B	MX480 High Capacity Fantray, configurable option in base bundle	0	€ -	€ -	€ -	€ -	€ -
PWR-MX480-2520-AC-8B	2520W AC Power Supply, configurable option in base bundle (Note: AC power cords are sold separately)	0	€ -	€ -	€ -	€ -	€ -
MPFC20-10G-P-BASE	MPFC20-10G Integrated SKU with Base HW - Standard JUNOS SW, Perpetual	0	€ 21.243,18	€ -	€ -	€ 1.554,25	€ -
5-MX-1C-P1-P	5W MPFC10E 1x100Gb port	8	€ 10.621,89	€ 84.975,10	€ -	€ 547,50	€ 4.339,99
MPCFE-10G-RB	40 x 10GE SFP - port line card bundle, price includes full scale L3, L2 and L2.5 features. Optics sold separately.	0	€ 41.081,74	€ -	€ -	€ 4.976,94	€ -
TOTALE			€	84.975,10	€	€ 4.339,99	€ 21.699,55

Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (IVA esclusa)	TOTALE Part Number (IVA esclusa)	Costo Unitario Manutenzione Annuale (Euro, IVA esclusa)	Costo Totale Manutenzione Annuale (EURO, IVA esclusa)	Costo Totale Manutenzione per 5 Anni (EURO, IVA esclusa)
MX304-PRM	MX304 Prm Chassis - price includes 2 Routing Engine, 2 power supplies 848, 3 Fan trays	1	€ 21.117,14	€ 21.117,14	€ 1.432,10	€ 1.432,10	€ 7.160,50
INP-PWR2200-AC-8B	Universal AC Power Supply, 2200W, Base	2	€ -	€ -	€ -	€ -	€ -
JUNOS-64-8B	Junos 64-Bit Standard Base Bundle	1	€ -	€ -	€ -	€ -	€ -
CLB-EX-PWR-E19-1T	AC Power Cable - Italy (16A/250V, 2.5m)	2	€ 14,41	€ 28,82	€ -	€ -	€ -
INP304-RE-8B	INP304 Routing Engine, BASE	2	€ -	€ -	€ -	€ -	€ -
INP304-CHAS-8B	INP304 Chassis Base unit	1	€ -	€ -	€ -	€ -	€ -
INP-FAN-2RU-8B	Universal Fan, 2RU, Base	3	€ -	€ -	€ -	€ -	€ -
MX304-1-16T-16x100G	MX304 1-16T Combo LMC 16x100G / 4x400G-Integrated SKU with Base HW-Standard Junos SW, Perpetual	2	€ 6.830,48	€ 13.660,97	€ 415,79	€ 831,57	€ 4.157,85
5-MX-1C-P1-C1-P	5W, MX, 1x100Gb ports, PreE, Class 1, w/out SW Support, Perpetual	30	€ 6.418,16	€ 192.544,67	€ 320,79	€ 9.623,83	€ 48.119,14
TOTALE			€	227.345,59	€	€ 11.847,50	€ 59.437,48

Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)
OSFP-100G-SR4-C	OSFP28 100GBase-SR4 Optics for up to 100m transmission over parallel MMF	4	€ 115,23	€ 476,92
OSFP-100G-LR4-C	OSFP28 100GBase-L4 Optics for up to 100m transmission over serial SMF	4	€ 505,09	€ 2.160,12
SFP-10G-SR-C	SFP+ 10GE pluggable transceiver, MMF, 850nm for 300m transmission	0	€ 22,53	€ -
SFP-10G-LR-C	SFP+ 10GE pluggable transceiver, SMF, 1310nm for 100M transmission	0	€ 31,33	€ -
SFP-10G-ZR	SFP+ 10GE pluggable transceiver, SMF, 1550nm for 80KM transmission	0	€ 1.190,92	€ -
SFP-1G-LX-C	GE SFP LX Plug-in, Module, Spare, MX, A2/A10, M320/T640/T320, M120	0	€ 28,79	€ -
SFP-1G-LH	GE SFP LH Plug-in, Module, Spare, M160, T320/T640	0	€ 203,18	€ -
SFP-1G-T-C	GE SFP 100GBASE-T Plug-in, Module, M120/N120, M160, M320, M40/M40a T320/T640	0	€ 36,80	€ -
OSFP-4X10G-LR	OSFP+ 4X10GBASE LR ETHERNET MODULE	0	€ 675,08	€ -
QDD-400G-DR4	QSFP56-DD 400G DR4 pluggable transceiver and also 4x100G DR	19	€ 1.147,58	€ 21.804,06
QDD-2X100G-SR4	QSFP28-DD 2x100G SR4 pluggable transceiver	7	€ 671,73	€ 4.702,11
TOTALE			€	29.141,20

Kit-List (Cablaggio)

Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)
128-6H460-10W	High-Flex Cat 6 Patch Cord CM/LSZH Color Green 10 Ft (3.0M) Long	0	€ 4,49	€ -
145-6H460-10G	High-Flex Cat 6 Patch Cord CM/LSZH Color White 10 Ft (3.0M) Long	2	€ 4,49	€ 8,98
159-6H460-10R	High-Flex Cat 6 Patch Cord CM/LSZH Color Red 10 Ft (3.0M) Long	2	€ 4,49	€ 8,98
VFC-5201LCC0030	Fiber Patch Cord OS2 Singlemode Yellow 1.6 mm DUP-ZIP, LC/QPC-LC/QPC, 3.0 Meters	6	€ 13,19	€ 79,12
VFC-M4D1LCC0030	Fiber Patch Cord OM4 Multimode Heather Violet 1.6 mm DUP-ZIP, LC/QPC-LC/QPC, 3.0 Meters	0	€ 16,13	€ -
UZ1M1-41C	HDIX UNITY MTP CASSETTE, 24-FIBER OS2, LC SHUTTERED (BLU) TO 3x8-FIBER MTP(MALE), CONVERSION 4:1, B	0	€ 543,68	€ -
SFUHD-6MB	HDX ADAPTER PLATE 6 F MTP (BLACK) KEVED UP TO KEVED UP	3	€ 72,45	€ 217,35
HDXIF-144	HDXDC 3RU Fibre Panel 144	1	€ 134,67	€ 134,67
MKACCACM001	1U 19 PATCH L140 ORGANISER 9 RINGS	1	€ 10,74	€ 10,71
UP8AMM-80020-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 2.0 meters Euroclass Eca, Method B, 8-Fiber Female MTP LL 0.35db to 8-Fiber Femal	0	€ -	€ -
FT-6G24K003005C05CN-NM85	Enterprise DC Low Loss Fiber Trunk 24-Fiber OM4 Multimode Heather Violet 3.0 meters Euroclass Cca, Method B, 0.5m Straight Tail with 24-Fiber Fer	10	€ 276,74	€ 2.767,36
UP8AMM-80030-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 3.0 meters Euroclass Eca, Method B, 8-Fiber Female MTP LL 0.35db to 8-Fiber Femal	19	€ 158,97	€ 3.020,35
548AMM-80030-S	8-Fiber OM4 Multimode 3.0 meters Euroclass Eca Array Cable Array Cord, Method B, 8-Fiber Female MTP to 8-Fiber Female MTP Connectors with Stanc	26	€ 108,70	€ 2.826,10
548AMM-80050-S	8-Fiber OM4 Multimode 5.0 meters HFFR-L5 Euroclass Eca Array Cord, Method B, 8-Fiber Female MTP to 8-Fiber Female MTP Connectors with Standar	0	€ 115,01	€ -
UP8AMM-80050-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 5.0 meters Euroclass Eca, Method B, 8-Fiber Female MTP LL 0.35db to 8-Fiber Femal	0	€ 159,62	€ -
TOTALE			€	9.073,61

OTTICHE

Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)
QSFP-100G-SR4-C	QSFP28 100GBase-SR4 Optics for up to 100m transmission over parallel MMF	2	€ 119,23	€ 238,46
QSFP-100G-LR4-C	QSFP28 100GBase-L4 Optics for up to 10km transmission over serial SMF	0	€ 540,03	€ -
SFP-10G-SR-C	SFP+ 10GE pluggable transceiver, MMF, 850nm for 300m transmission	0	€ 22,51	€ -
SFP-10G-LR-C	SFP+ 10GE pluggable transceiver, SMF, 1310nm for 10KM transmission	0	€ 31,33	€ -
SFP-10GE-ZR	SFP+ 10GE pluggable transceiver, SMF, 1550nm for 80KM transmission	0	€ 1.190,92	€ -
SFP-1G-LX-C	GE SFP LX Plug In, Module, Spare, MX, A2/A10, M320/T640/T320, M120	0	€ 24,79	€ -
SFP-1GE-LH	GE SFP LH Plug-in, Module, Spare, M160, T320/T640	0	€ 203,18	€ -
SFP-1G-T-C	GE SFP, 1000BASE-T Plug-in, Module, M10/M101, M160, M320, M40/M40e T320/T640	0	€ 36,80	€ -
QSFP-4X10GE-LR	QSFP+ 4X10GBASE LR ETHERNET MODULE	0	€ 675,08	€ -
QDD-400G-DR4	QSFP56-DD 400G DR4 pluggable transceiver and also 4x100G DR	0	€ 1.147,58	€ -
QDD-2X100G-SR4	QSFP28-DD 2x100G SR4 pluggable transceiver	0	€ 671,73	€ -
			TOTALE	€ 238,46

Kit-List (Cablaggio)

Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)
128-6H460-10W	High-Flex Cat 6 Patch Cord CM/LSZH Color Green 10 ft (3.0M) Long	0	€ 4,49	€ -
145-6H460-10G	High-Flex Cat 6 Patch Cord CM/LSZH Color White 10 ft (3.0M) Long	0	€ 4,49	€ -
159-6H460-10R	High-Flex Cat 6 Patch Cord CM/LSZH Color Red 10 ft (3.0M) Long	0	€ 4,49	€ -
VPC-S2D1LCLC0030	Fiber Patch Cord OS2 Singlemode Yellow 1.6 mm DUP-ZIP, LC/UPC-LC/UPC, 3.0 Meters	0	€ 13,19	€ -
VPC-M4D1LCLC0030	Fiber Patch Cord OM4 Multimode Heather Violet 1.6 mm DUP-ZIP, LC/UPC-LC/UPC, 3.0 Meters	0	€ 16,13	€ -
U2LSM1-41C	HDX2 UNITY MTP CASSETTE, 24-FIBER OS2, LC SHUTTERED (BLUE) TO 3X8-FIBER MTP(MALE), CONVERSION	0	€ 543,68	€ -
SFUHD-6MB	HDX ADAPTER PLATE 6-F MTP (BLACK) KEYED UP TO KEYED UP	0	€ 72,45	€ -
HDX1F-144	UHDX 1RU Flat Panel 144	0	€ 134,67	€ -
MMCACCCM001	1U 19 PATCH LEAD ORGANISER 5 RINGS	0	€ 10,71	€ -
UP8AMM-B0020-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 2.0 meters Euroclass Eca, Method B, 8-Fi	0	€ 158,11	€ -
FT-FG024K003005C05CN-NNBS	Enterprise DC Low Loss Fiber Trunk 24-Fiber OM4 Multimode Heather Violet 3.0 metres Euroclass Cca, Me	0	€ 276,74	€ -
UP8AMM-B0030-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 3.0 meters Euroclass Eca, Method B, 8-Fi	0	€ 158,97	€ -
548AMM-B0030-S	8-Fibre OM4 Multimode 3.0 meters Euroclass Eca Array Cable Array Cord, Method B, 8-Fibre Female MTP to	3	€ 108,70	€ 326,09
548AMM-B0050-S	8-Fibre OM4 Multimode 5.0 meters HFFR-LS Euroclass Eca Array Cord, Method B, 8-Fibre Female MTP to 8-	0	€ 115,01	€ -
UP8AMM-B0050-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 5.0 meters Euroclass Eca, Method B, 8-Fi	0	€ 159,62	€ -
			TOTALE	€ 326,09

LEAF	Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (IVA esclusa)	TOTALE Part Number (IVA esclusa)	Costo Unitario Manutenzione Annuo (Euro, IVA esclusa)	Costo Totale Manutenzione Annuo (EURO, IVA esclusa)	Costo Totale Manutenzione per 5 Anni (EURO, IVA esclusa)
	MX304-PREM	MX304 Prem Chassis - price includes 2 Routing Engine, 2 power supplies & 838; 3 fan trays	1	€ 21.117,14	€ 21.117,14	€ 1.432,10	€ 1.432,10	€ 7.160,50
	JNP-PWR2200-AC-BB	Universal AC Power Supply, 2200W, Base	2	€ -	€ -	€ -	€ -	€ -
	JUNOS-64-BB	Junos 64-BB Standard Base Bundle	1	€ -	€ -	€ -	€ -	€ -
	EBL-EK-PWR-CDNT	AC Power Cable - Italy (16A/250V, 2.5m)	2	€ 11,41	€ 22,81	€ -	€ -	€ -
	JNP304-RE-BB	JNP304 Routing Engine, BASE	2	€ -	€ -	€ -	€ -	€ -
	JNP304-CHAS-BB	JNP304 Chassis Base unit	1	€ -	€ -	€ -	€ -	€ -
	JNP-FAN-2RU-BB	Universal Fan, 2RU, Base	3	€ -	€ -	€ -	€ -	€ -
	MX304-LMIC16-BASE	MX304 1.6T Combo LMIC 16x100G / 4x400G-integrated SKU with Base HW+Standard Junos SW, Perpetual	2	€ 6.830,48	€ 13.660,97	€ 415,79	€ 831,57	€ 4.157,85
	S-MX-1C-P1-C1-P	SW, MX, 1x100GE ports, Pre1, Class 1, w/out SW Support, Perpetual	16	€ 6.418,16	€ 102.690,49	€ 320,79	€ 5.132,71	€ 25.663,54
				TOTALE	€ 137.491,41	TOTALE	€ 7.396,38	€ 36.961,89

OTTICHE	Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)
	QSFP-100G-SR4-C	QSFP28 100GBase-SR4 Optics for up to 100m transmission over parallel MMF	4	€ 119,23	€ 476,92
	QSFP-100G-SR4-C	QSFP28 100GBase-L4 Optics for up to 100m transmission over serial SMF	2	€ 540,03	€ 1.080,06
	SFP-10G-SR-C	SFP+ 10GE pluggable transceiver, MMF, 850nm for 300m transmission	0	€ 22,51	€ -
	SFP-10G-LR-C	SFP+ 10GE pluggable transceiver, SMF, 1310nm for 10KM transmission	0	€ 31,33	€ -
	SFP-10GE-ZR	SFP+ 10GE pluggable transceiver, SMF, 1550nm for 80KM transmission	0	€ 1.190,92	€ -
	SFP-1G-LX-C	GE SFP LX Plug-in, Module, Spare, MX, A2/A10, M320/T640/T320, M120	0	€ 24,79	€ -
	SFP-1GE-LH	GE SFP LH Plug-in, Module, Spare, M160, T320/T640	0	€ 203,18	€ -
	SFP-1G-T-C	GE SFP, 1000BASE-T Plug-in, Module, M10/M10L, M160, M320, M40/M40e T320/T640	0	€ 36,80	€ -
	QSFP-4X10GE-LR	QSFP+ 4X10GBASE LR ETHERNET MODULE	0	€ 675,08	€ -
	QDD-400G-DR4	QSFP56-DD 400G DR4 pluggable transceiver and also 4x100G DR	3	€ 1.147,58	€ 3.442,75
	QDD-2x100G-SR4	QSFP28-DD 2x100G SR4 pluggable transceiver	0	€ 671,73	€ -
				TOTALE	€ 4.999,72

Kit-List (Cablaggio)

Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)
128-6H460-10W	High-Flex Cat 6 Patch Cord OM3/LSZH Color Green 10 Ft (3.0M) Long	0	€ 4,49	€ -
145-6H460-10G	High-Flex Cat 6 Patch Cord OM3/LSZH Color White 10 Ft (3.0M) Long	2	€ 4,49	€ 8,98
159-6H460-10R	High-Flex Cat 6 Patch Cord OM3/LSZH Color Red 10 Ft (3.0M) Long	2	€ 4,49	€ 8,98
VPC52D11CLC0030	Fiber Patch Cord OS2 Singlemode Yellow 3.6 mm DUP-ZIP, LC/LR/LC/LR/PC, 3.0 Meters	3	€ 13,19	€ 39,56
VPC-M4D11CLC0030	Fiber Patch Cord OM4 Multimode Heather Violet 1.6 mm DUP-ZIP, LC/LR/LC/LR/PC, 3.0 Meters	0	€ 16,13	€ -
UZLSM1-41C	HDX2 UNITY MTP CASSETTE, 24-FIBER OS2, LC SHUTTERED (BLUE) TO 3X8-FIBER MTP(MALE), CONVERSION 4-1, B	0	€ 543,68	€ -
SFUHD-6MB	HDX ADAPTER PLATE 6-F MTP (BLACK) KEYPED UP TO KEYPED LP	0	€ 72,45	€ -
HDX1F-144	UHDX 18RU Flat Panel 144	0	€ 134,67	€ -
MMCACCCM001	1U 19 PATCH LEAD ORGANISER 5 RINGS	0	€ 10,71	€ -
UP8AMM-80030-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 2.0 meters Euroclass Eca, Method B, 8-Fiber Female MTP LI	0	€ 158,21	€ -
FT-FG024K003005COSON-NNBS	Enterprise DC Low Loss Fiber Trunk 24-Fiber OM4 Multimode Heather Violet 3.0 meters Euroclass Eca, Method B, 0,5m Strap	0	€ 276,74	€ -
UP8AMM-80030-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 3.0 meters Euroclass Eca, Method B, 8-Fiber Female MTP LI	3	€ 158,97	€ 476,90
548AMM-80030-S	8-Fiber OM4 Multimode 3.0 meters Euroclass Eca Array Cable Array Cord, Method B, 8-Fiber Female MTP to 8-Fiber Female M	6	€ 108,70	€ 652,18
548AMM-80050-S	8-Fiber OM4 Multimode 3.0 meters HFFR-LS Euroclass Eca Array Cord, Method B, 8-Fiber Female MTP to 8-Fiber Female MTP	0	€ 115,01	€ -
UP8AMM-80050-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 5.0 meters Euroclass Eca, Method B, 8-Fiber Female MTP LI	0	€ 159,62	€ -
			TOTALE	€ 1.186,60

OTTICHE				
Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)
QSFP-100G-SR4-C	QSFP28 100GBase-SR4 Optics for up to 100m transmission over parallel MMF	4	€ 119,23	€ 476,92
QSFP-100G-LR4-C	QSFP28 100GBase-L4 Optics for up to 10km transmission over serial SMF	0	€ 540,03	€ -
SFPP-10G-SR-C	SFP+ 10GE pluggable transceiver, MMF, 850nm for 300m transmission	0	€ 22,51	€ -
SFPP-10G-LR-C	SFP+ 10GE pluggable transceiver, SMF, 1310nm for 10KM transmission	0	€ 31,33	€ -
SFPP-10GE-ZR	SFP+ 10GE pluggable transceiver, SMF, 1550nm for 80KM transmission	0	€ 1.190,92	€ -
SFP-1G-LX-C	GE SFP LX Plug In, Module, Spare, MX, A2/A10, M320/T640/T320, M120	0	€ 24,79	€ -
SFP-1GE-LH	GE SFP LH Plug-in, Module, Spare, M160, T320/T640	0	€ 203,18	€ -
SFP-1G-T-C	GE SFP, 1000BASE-T Plug-in, Module, M10/M10i, M160, M320, M40/M40e T320/T640	0	€ 36,80	€ -
QSFP-4X10GE-LR	QSFP+ 4X10GBASE LR ETHERNET MODULE	2	€ 675,08	€ 1.350,15
QDD-400G-DR4	QSFP56-DD 400G DR4 pluggable transceiver and also 4x100G DR	0	€ 1.147,58	€ -
QDD-2X100G-SR4	QSFP28-DD 2x100G SR4 pluggable transceiver	0	€ 671,73	€ -
			TOTALE	€ 1.827,07

Kit-List (Cablaggio)

Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)
128-6H460-10W	High-Flex Cat 6 Patch Cord CM/LSZH Color Green 10 ft (3.0M) Long	0	€ 4,49	€ -
145-6H460-10G	High-Flex Cat 6 Patch Cord CM/LSZH Color White 10 ft (3.0M) Long	0	€ 4,49	€ -
159-6H460-10R	High-Flex Cat 6 Patch Cord CM/LSZH Color Red 10 ft (3.0M) Long	0	€ 4,49	€ -
VPC-S2D1LCLC0030	Fiber Patch Cord OS2 Singlemode Yellow 1.6 mm DUP-ZIP, LC/UPC-LC/UPC, 3.0 Meters	12	€ 13,19	€ 158,25
VPC-M4D1LCLC0030	Fiber Patch Cord OM4 Multimode Heather Violet 1.6 mm DUP-ZIP, LC/UPC-LC/UPC, 3.0 Meters	0	€ 16,13	€ -
U2LSM1-41C	HDX2 UNITY MTP CASSETTE, 24-FIBER OS2, LC SHUTTERED (BLUE) TO 3X8-FIBER MTP(MALE), CONVERSIO	2	€ 543,68	€ 1.087,36
SFUHD-6MB	HDX ADAPTER PLATE 6-F MTP (BLACK) KEYED UP TO KEYED UP	0	€ 72,45	€ -
HDX1F-144	UHDX 1RU Flat Panel 144	2	€ 134,67	€ 269,34
MMCACCCM001	1U 19 PATCH LEAD ORGANISER 5 RINGS	2	€ 10,71	€ 21,41
UP8AMM-B0020-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 2.0 meters Euroclass Eca, Method B, 8	4	€ 158,11	€ 632,43
FT-FG024JK003005C05CN-NNBS	Enterprise DC Low Loss Fiber Trunk 24-Fiber OM4 Multimode Heather Violet 3.0 metres Euroclass Cca, M	0	€ 276,74	€ -
UP8AMM-B0030-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 3.0 meters Euroclass Eca, Method B, 8	0	€ 158,97	€ -
548AMM-B0030-S	8-Fibre OM4 Multimode 3.0 meters Euroclass Eca Array Cable Array Cord, Method B, 8-Fibre Female MTP	6	€ 108,70	€ 652,18
548AMM-B0050-S	8-Fibre OM4 Multimode 5.0 meters HFFR-LS Euroclass Eca Array Cord, Method B, 8-Fibre Female MTP to	0	€ 115,01	€ -
UP8AMM-B0050-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 5.0 meters Euroclass Eca, Method B, 8	0	€ 159,62	€ -
			TOTALE	€ 2.820,97

OTTICHE				
Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)
QSFP-100G-SR4-C	QSFP28 100GBase-SR4 Optics for up to 100m transmission over parallel MMF	2	€ 119,23	€ 238,46
QSFP-100G-LR4-C	QSFP28 100GBase-L4 Optics for up to 10km transmission over serial SMF	0	€ 540,03	€ -
SFP-10G-SR-C	SFP+ 10GE pluggable transceiver, MMF, 850nm for 300m transmission	0	€ 22,51	€ -
SFP-10G-LR-C	SFP+ 10GE pluggable transceiver, SMF, 1310nm for 10KM transmission	0	€ 31,33	€ -
SFP-10GE-ZR	SFP+ 10GE pluggable transceiver, SMF, 1550nm for 80KM transmission	0	€ 1.190,92	€ -
SFP-1G-LX-C	GE SFP LX Plug In, Module, Spare, MX, A2/A10, M320/T640/T320, M120	0	€ 24,79	€ -
SFP-1GE-LH	GE SFP LH Plug-in, Module, Spare, M160, T320/T640	0	€ 203,18	€ -
SFP-1G-T-C	GE SFP, 1000BASE-T Plug-in, Module, M10/M10i, M160, M320, M40/M40e T320/T640	0	€ 36,80	€ -
QSFP-4X10GE-LR	QSFP+ 4X10GBASE LR ETHERNET MODULE	0	€ 675,08	€ -
QDD-400G-DR4	QSFP56-DD 400G DR4 pluggable transceiver and also 4x100G DR	0	€ 1.147,58	€ -
QDD-2X100G-SR4	QSFP28-DD 2x100G SR4 pluggable transceiver	0	€ 671,73	€ -
			TOTALE	€ 238,46

Kit-List (Cablaggio)				
Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)
128-6H460-10W	High-Flex Cat 6 Patch Cord CM/LSZH Color Green 10 ft (3.0M) Long	0	€ 4,49	€ -
145-6H460-10G	High-Flex Cat 6 Patch Cord CM/LSZH Color White 10 ft (3.0M) Long	0	€ 4,49	€ -
159-6H460-10R	High-Flex Cat 6 Patch Cord CM/LSZH Color Red 10 ft (3.0M) Long	0	€ 4,49	€ -
VPC-S2D1LCLC0030	Fiber Patch Cord OS2 Singlemode Yellow 1.6 mm DUP-ZIP, LC/UPC-LC/UPC, 3.0 Meters	0	€ 13,19	€ -
VPC-M4D1LCLC0030	Fiber Patch Cord OM4 Multimode Heather Violet 1.6 mm DUP-ZIP, LC/UPC-LC/UPC, 3.0 Meters	0	€ 16,13	€ -
U2LSM1-41C	HDX2 UNITY MTP CASSETTE, 24-FIBER OS2, LC SHUTTERED (BLUE) TO 3X8-FIBER MTP(MALE), CONVERSION	0	€ 543,68	€ -
5FUHD-6MB	HDX ADAPTER PLATE 6-F MTP (BLACK) KEYED UP TO KEYED UP	0	€ 72,45	€ -
HDX1F-144	UHDX 1RU Flat Panel 144	0	€ 134,67	€ -
MMCACCCM001	1U 19 PATCH LEAD ORGANISER 5 RINGS	0	€ 10,71	€ -
UP8AMM-B0020-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 2.0 meters Euroclass Eca, Method B, S	0	€ 158,11	€ -
FT-FG024JK003005C05CN-NNBS	Enterprise DC Low Loss Fiber Trunk 24-Fiber OM4 Multimode Heather Violet 3.0 metres Euroclass Cca, M	0	€ 276,74	€ -
UP8AMM-B0030-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 3.0 meters Euroclass Eca, Method B, S	0	€ 158,97	€ -
548AMM-B0030-S	8-Fibre OM4 Multimode 3.0 meters Euroclass Eca Array Cable Array Cord, Method B, 8-Fibre Female MT	3	€ 108,70	€ 326,09
548AMM-B0050-S	8-Fibre OM4 Multimode 5.0 meters HFFR-LS Euroclass Eca Array Cord, Method B, 8-Fibre Female MTP to	0	€ 115,01	€ -
UP8AMM-B0050-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 5.0 meters Euroclass Eca, Method B, S	0	€ 159,62	€ -
			TOTALE	€ 326,09

Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (IVA esclusa)	TOTALE Part Number (IVA esclusa)	Costo Unitario Manutenzione Annuale (Euro, IVA esclusa)	Costo Totale Manutenzione Annuale (EURO, IVA esclusa)	Costo Totale Manutenzione per 5 Anni (EURO, IVA esclusa)
LEAF							
MX480-PREMIUM3-AC	MX480 Premium Chassis Bundle with Enhanced Midplane. Also includes redundant RE, redundant SCB-E, redundant A	0	€ 18.576,05	€ -	€ 1.006,16	€ -	€ -
RE-SX6-128G-S-BB	Routing Engine - 6 Core 2.0GHz with 128G Memory, Secure Boot, Base Bundle for MX240/MX480/MX960	0	€ -	€ -	€ -	€ -	€ -
SCB3-MX-8B	Enhanced MX Switch Control Board, Base Bundle	0	€ 1.761,52	€ -	€ -	€ -	€ -
CBLN-MPW-RA-EU	M320 AC Power Cable, EU, Right Angle	0	€ 14,55	€ -	€ -	€ -	€ -
JUNOS-64-8B	JUNOS 64-Bit Standard Software Suite	0	€ -	€ -	€ -	€ -	€ -
FFANTRAY-MX480-HC-8B	MX480 High Capacity fantray, configurable option in base bundle	0	€ -	€ -	€ -	€ -	€ -
PWR-MX480-2520-AC-8B	2520W AC Power Supply, configurable option in base bundle (Note: AC power cords are sold separately)	0	€ -	€ -	€ -	€ -	€ -
MPC10E-10C-P-BASE	MPC10E-10C Integrated SKU with Base HW + Standard JUNOS SW, Perpetual	0	€ 21.243,18	€ -	€ 1.554,25	€ -	€ -
S-MX-1C-P1-P	SW MPC10E 1x100GE port	8	€ 10.621,89	€ 84.975,10	€ -	€ 4.339,99	€ 21.699,95
MPC7E-10G-RB	40 x 10GE SFP + port line card bundle, price includes full scale L3, L2 and L2.5 features. Optics sold separately.	0	€ 41.081,74	€ -	€ 4.976,94	€ -	€ -
			TOTALE	€ 84.975,10	TOTALE	€ 4.339,99	€ 21.699,95

Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (IVA esclusa)	TOTALE Part Number (IVA esclusa)	Costo Unitario Manutenzione Annuale (Euro, IVA esclusa)	Costo Totale Manutenzione Annuale (EURO, IVA esclusa)	Costo Totale Manutenzione per 5 Anni (EURO, IVA esclusa)
LEAF							
MX480-PREMIUM3-AC	MX480 Premium Chassis Bundle with Enhanced Midplane. Also includes redundant RE, redundant SCB-E, redundant A	0	€ 18.576,05	€ -	€ 1.006,16	€ -	€ -
RE-SX6-128G-S-BB	Routing Engine - 6 Core 2.0GHz with 128G Memory, Secure Boot, Base Bundle for MX240/MX480/MX960	0	€ -	€ -	€ -	€ -	€ -
SCB3-MX-8B	Enhanced MX Switch Control Board, Base Bundle	0	€ 1.761,52	€ -	€ -	€ -	€ -
CBLN-MPW-RA-EU	M320 AC Power Cable, EU, Right Angle	0	€ 14,55	€ -	€ -	€ -	€ -
JUNOS-64-8B	JUNOS 64-Bit Standard Software Suite	0	€ -	€ -	€ -	€ -	€ -
FFANTRAY-MX480-HC-8B	MX480 High Capacity fantray, configurable option in base bundle	0	€ -	€ -	€ -	€ -	€ -
PWR-MX480-2520-AC-8B	2520W AC Power Supply, configurable option in base bundle (Note: AC power cords are sold separately)	0	€ -	€ -	€ -	€ -	€ -
MPC10E-10C-P-BASE	MPC10E-10C Integrated SKU with Base HW + Standard JUNOS SW, Perpetual	2	€ 21.243,18	€ 42.486,37	€ 1.554,25	€ 3.108,50	€ 15.542,48
S-MX-1C-P1-P	SW MPC10E 1x100GE port	16	€ 10.621,89	€ 169.950,20	€ 542,50	€ 8.679,98	€ 43.399,90
MPC7E-10G-RB	40 x 10GE SFP + port line card bundle, price includes full scale L3, L2 and L2.5 features. Optics sold separately.	0	€ 41.081,74	€ -	€ 4.976,94	€ -	€ -
			TOTALE	€ 212.436,56	TOTALE	€ 11.788,48	€ 58.942,38

Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)
OTTICHE				
QSFP28-100G-SR4-C	QSFP28 100GBase-SR4 Optics for up to 100m transmission over parallel MMF	0	€ 119,23	€ -
QSFP-100G-LR4-C	QSFP28 100GBase-L4 Optics for up to 10km transmission over serial SMF	0	€ 540,03	€ -
SFP-10G-SR-C	SFP+ 10GE pluggable transceiver, MMF, 850nm for 300m transmission	0	€ 22,51	€ -
SFP-10G-LR-C	SFP+ 10GE pluggable transceiver, SMF, 1310nm for 10KM transmission	0	€ 31,33	€ -
SFP-10G-ZR	SFP+ 10GE pluggable transceiver, SMF, 1550nm for 80KM transmission	0	€ 1.190,92	€ -
SFP-1G-C	GE SFP 1X Plug-in, Module, Spare, MX, J2/J30, M320/T640/T320, M320	0	€ 24,79	€ -
SFP-1G-LH	GE SFP 1X Plug-in, Module, Spare, M160, T320/T640	0	€ 203,18	€ -
SFP-1G-T-C	GE SFP, 1000BASE-T Plug-in, Module, M10/M10L, M160, M320, M40/M40e T320/T640	0	€ 36,80	€ -
QSFP-4X10G-LR	QSFP+ 4X10GBASE LR ETHERNET MODULE	0	€ 675,08	€ -
QDD-400G-DR4	QSFP56-DD 400G DR4 pluggable transceiver and also 4x100G DR	11	€ 1.147,58	€ 12.623,40
QDD-2X100G-SR4	QSFP28-DD 2x100G SR4 pluggable transceiver	0	€ 671,73	€ -
			TOTALE	€ 12.623,40

Kit-List (Cablaggio)

Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)
128-6H460-10W	High-Flex Cat 6 Patch Cord OM3/LSZH Color Green 10 Ft (3.0M) Long	0	€ 4,49	€ -
145-6H460-10G	High-Flex Cat 6 Patch Cord OM3/LSZH Color White 10 Ft (3.0M) Long	0	€ 4,49	€ -
159-6H460-10R	High-Flex Cat 6 Patch Cord OM3/LSZH Color Red 10 Ft (3.0M) Long	0	€ 4,49	€ -
VPC-52D11CLC0030	Fiber Patch Cord OS2 Singlemode Yellow 3.6 mm DUP-ZIP, LC/LPC-LC/LPC, 3.0 Meters	0	€ 13,19	€ -
VPC-M4D11CLC0030	Fiber Patch Cord OM4 Multimode Heather Violet 1.6 mm DUP-ZIP, LC/LPC-LC/LPC, 3.0 Meters	0	€ 16,13	€ -
UZLSM1-41C	HDX2 UNITY MTP CASSETTE, 24-FIBER OS2, LC SHUTTERED (BLUE) TO 3X8-FIBER MTP(MALE), CONVERSION 4-1, B	0	€ 543,68	€ -
SFH4D-6MB	HDX ADAPTER PLATE 6-F MTP (BLACK) KEVED UP TO KEVED LP	0	€ 72,45	€ -
HDX1F-144	UNDX 1RU Flat Panel 144	0	€ 134,67	€ -
MMCCACCCM001	1U 19 PATCH LEAD ORGANISER 5 RINGS	0	€ 10,71	€ -
UP8AMM-80020-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 3.0 meters Euroclass Eca, Method B, 8-Fiber Female	0	€ 158,13	€ -
FT-F02AH0020S05C05CN-NNBS	Enterprise DC Low Loss Fiber Trunk 24-Fiber OM4 Multimode Heather Violet 3.0 meters Euroclass Eca, Method B, 0.5	0	€ 276,74	€ -
UP8AMM-80030-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 3.0 meters Euroclass Eca, Method B, 8-Fiber Female	11	€ 158,97	€ 1.748,62
548AMM-80030-S	8-Fiber OM4 Multimode 3.0 meters Euroclass Eca Array Cable Array Cord, Method B, 8-Fiber Female MTP to 8-Fiber Fe	0	€ 108,70	€ -
548AMM-80050-S	8-Fiber OM4 Multimode 5.0 meters HFFR-L5 Euroclass Eca Array Cord, Method B, 8-Fiber Female MTP to 8-Fiber Fema	0	€ 115,01	€ -
UP8AMM-80050-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 5.0 meters Euroclass Eca, Method B, 8-Fiber Female	0	€ 159,62	€ -
			TOTALE	€ 1.748,62

OTTICHE					
Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)	
QSFP-100G-SR4-C	QSFP28 100GBase-SR4 Optics for up to 100m transmission over parallel MMF	2	€ 119,23	€ 238,46	
QSFP-100G-LR4-C	QSFP28 100GBase-L4 Optics for up to 10km transmission over serial SMF	0	€ 540,03	€ -	
SFP-10G-SR-C	SFP+ 10GE pluggable transceiver, MMF, 850nm for 300m transmission	0	€ 22,51	€ -	
SFP-10G-LR-C	SFP+ 10GE pluggable transceiver, SMF, 1310nm for 10KM transmission	0	€ 31,33	€ -	
SFP-10GE-ZR	SFP+ 10GE pluggable transceiver, SMF, 1550nm for 80KM transmission	0	€ 1.190,92	€ -	
SFP-1G-LX-C	GE SFP LX Plug In, Module, Spare, MX, A2/A10, M320/T640/T320, M120	0	€ 24,79	€ -	
SFP-1GE-LH	GE SFP LH Plug-in, Module, Spare, M160, T320/T640	0	€ 203,18	€ -	
SFP-1G-T-C	GE SFP, 1000BASE-T Plug-in, Module, M10/M10i, M160, M320, M40/M40e T320/T640	0	€ 36,80	€ -	
QSFP-4X10GE-LR	QSFP+ 4X10GBASE LR ETHERNET MODULE	1	€ 675,08	€ 675,08	
QDD-400G-DR4	QSFP56-DD 400G DR4 pluggable transceiver and also 4x100G DR	0	€ 1.147,58	€ -	
QDD-2X100G-SR4	QSFP28-DD 2x100G SR4 pluggable transceiver	0	€ 671,73	€ -	
TOTALE				€ 913,53	

Kit-List (Cablaggio)					
Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)	
128-6H460-10W	High-Flex Cat 6 Patch Cord CM/LSZH Color Green 10 ft (3.0M) Long	0	€ 4,49	€ -	
145-6H460-10G	High-Flex Cat 6 Patch Cord CM/LSZH Color White 10 ft (3.0M) Long	0	€ 4,49	€ -	
159-6H460-10R	High-Flex Cat 6 Patch Cord CM/LSZH Color Red 10 ft (3.0M) Long	0	€ 4,49	€ -	
VPC-S2D1LCLC0030	Fiber Patch Cord OS2 Singlemode Yellow 1.6 mm DUP-ZIP, LC/UPC-LC/UPC, 3.0 Meters	6	€ 13,19	€ 79,12	
VPC-M4D1LCLC0030	Fiber Patch Cord OM4 Multimode Heather Violet 1.6 mm DUP-ZIP, LC/UPC-LC/UPC, 3.0 Meters	0	€ 16,13	€ -	
U2LSM1-41C	HDX2 UNITY MTP CASSETTE, 24-FIBER OS2, LC SHUTTERED (BLUE) TO 3X8-FIBER MTP(MALE), CONVERSION 4:	1	€ 543,68	€ 543,68	
5FUHD-6MB	HDX ADAPTER PLATE 6-F MTP (BLACK) KEYED UP TO KEYED UP	0	€ 72,45	€ -	
HDX1F-144	UHDx 1RU Flat Panel 144	1	€ 134,67	€ 134,67	
MMCACCCM001	1U 19 PATCH LEAD ORGANISER 5 RINGS	1	€ 10,71	€ 10,71	
UP8AMM-B0020-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 2.0 meters Euroclass Eca, Method B, 8-Fiber	2	€ 158,11	€ 316,22	
FT-FG024JK003005C05CN-NNBS	Enterprise DC Low Loss Fiber Trunk 24-Fiber OM4 Multimode Heather Violet 3.0 metres Euroclass Cca, Meth	0	€ 276,74	€ -	
UP8AMM-B0030-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 3.0 meters Euroclass Eca, Method B, 8-Fiber	0	€ 158,97	€ -	
548AMM-B0030-S	8-Fibre OM4 Multimode 3.0 meters Euroclass Eca Array Cable Array Cord, Method B, 8-Fibre Female MTP to 8-Fiber	3	€ 108,70	€ 326,09	
548AMM-B0050-S	8-Fibre OM4 Multimode 5.0 meters HFR-LS Euroclass Eca Array Cord, Method B, 8-Fibre Female MTP to 8-Fiber	0	€ 115,01	€ -	
UP8AMM-B0050-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 5.0 meters Euroclass Eca, Method B, 8-Fiber	0	€ 159,62	€ -	
TOTALE				€ 1.410,49	

OTTICHE				
Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)
QSFP-100G-SR4-C	QSFP28 100GBase-SR4 Optics for up to 100m transmission over parallel MMF	2	€ 119,23	€ 238,46
QSFP-100G-LR4-C	QSFP28 100GBase-L4 Optics for up to 10km transmission over serial SMF	0	€ 540,03	€ -
SFPP-10G-SR-C	SFP+ 10GE pluggable transceiver, MMF, 850nm for 300m transmission	0	€ 22,51	€ -
SFPP-10G-LR-C	SFP+ 10GE pluggable transceiver, SMF, 1310nm for 10KM transmission	0	€ 31,33	€ -
SFPP-10GE-ZR	SFP+ 10GE pluggable transceiver, SMF, 1550nm for 80KM transmission	0	€ 1.190,92	€ -
SFP-1G-LX-C	GE SFP LX Plug In, Module, Spare, MX, A2/A10, M320/T640/T320, M120	0	€ 24,79	€ -
SFP-1GE-LH	GE SFP LH Plug-in, Module, Spare, M160, T320/T640	0	€ 203,18	€ -
SFP-1G-T-C	GE SFP, 1000BASE-T Plug-in, Module, M10/M10i, M160, M320, M40/M40e T320/T640	0	€ 36,80	€ -
QSFP-4X10GE-LR	QSFP+ 4X10GBASE LR ETHERNET MODULE	0	€ 675,08	€ -
QDD-400G-DR4	QSFP56-DD 400G DR4 pluggable transceiver and also 4x100G DR	0	€ 1.147,58	€ -
QDD-2X100G-SR4	QSFP28-DD 2x100G SR4 pluggable transceiver	0	€ 671,73	€ -
			TOTALE	€ 238,46

Kit-List (Cablaggio)				
Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)
128-6H460-10W	High-Flex Cat 6 Patch Cord CM/LSZH Color Green 10 ft (3.0M) Long	0	€ 4,49	€ -
145-6H460-10G	High-Flex Cat 6 Patch Cord CM/LSZH Color White 10 ft (3.0M) Long	0	€ 4,49	€ -
159-6H460-10R	High-Flex Cat 6 Patch Cord CM/LSZH Color Red 10 ft (3.0M) Long	0	€ 4,49	€ -
VPC-S2D1LCLC0030	Fiber Patch Cord OS2 Singlemode Yellow 1.6 mm DUP-ZIP, LC/UPC-LC/UPC, 3.0 Meters	0	€ 13,19	€ -
VPC-M4D1LCLC0030	Fiber Patch Cord OM4 Multimode Heather Violet 1.6 mm DUP-ZIP, LC/UPC-LC/UPC, 3.0 Meters	0	€ 16,13	€ -
U2LSM1-41C	HDX2 UNITY MTP CASSETTE, 24-FIBER OS2, LC SHUTTERED (BLUE) TO 3X8-FIBER MTP(MALE), CONVERSION 4:1	0	€ 543,68	€ -
SFUHD-6MB	HDX ADAPTER PLATE 6-F MTP (BLACK) KEYED UP TO KEYED UP	0	€ 72,45	€ -
HDX1F-144	UHDX 1RU Flat Panel 144	0	€ 134,67	€ -
MMCACCCM001	1U 19 PATCH LEAD ORGANISER 5 RINGS	0	€ 10,71	€ -
UP8AMM-B0020-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 2.0 meters Euroclass Eca, Method B, 8-Fibe	0	€ 158,11	€ -
FT-FG024JK003005C05CN-NNBS	Enterprise DC Low Loss Fiber Trunk 24-Fiber OM4 Multimode Heather Violet 3.0 metres Euroclass Cca, Metho	0	€ 276,74	€ -
UP8AMM-B0030-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 3.0 meters Euroclass Eca, Method B, 8-Fibe	0	€ 158,97	€ -
548AMM-B0030-S	8-Fibre OM4 Multimode 3.0 meters Euroclass Eca Array Cable Array Cord, Method B, 8-Fibre Female MTP to 8	3	€ 108,70	€ 326,09
548AMM-B0050-S	8-Fibre OM4 Multimode 5.0 meters HFFR-LS Euroclass Eca Array Cord, Method B, 8-Fibre Female MTP to 8-Fib	0	€ 115,01	€ -
UP8AMM-B0050-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 5.0 meters Euroclass Eca, Method B, 8-Fibe	0	€ 159,62	€ -
			TOTALE	€ 326,09

OTTICHE				
Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)
QSFP-100G-SR4-C	QSFP28 100GBase-SR4 Optics for up to 100m transmission over parallel MMF	2	€ 119,23	€ 238,46
QSFP-100G-LR4-C	QSFP28 100GBase-L4 Optics for up to 10km transmission over serial SMF	0	€ 540,03	€ -
SFP-10G-SR-C	SFP+ 10GE pluggable transceiver, MMF, 850nm for 300m transmission	0	€ 22,51	€ -
SFP-10G-LR-C	SFP+ 10GE pluggable transceiver, SMF, 1310nm for 10KM transmission	0	€ 31,33	€ -
SFP-10GE-ZR	SFP+ 10GE pluggable transceiver, SMF, 1550nm for 80KM transmission	0	€ 1.190,92	€ -
SFP-1G-LX-C	GE SFP LX Plug In, Module, Spare, MX, A2/A10, M320/T640/T320, M120	0	€ 24,79	€ -
SFP-1GE-LH	GE SFP LH Plug-in, Module, Spare, M160, T320/T640	0	€ 203,18	€ -
SFP-1G-T-C	GE SFP, 1000BASE-T Plug-in, Module, M10/M10i, M160, M320, M40/M40e T320/T640	0	€ 36,80	€ -
QSFP-4X10GE-LR	QSFP+ 4X10GBASE LR ETHERNET MODULE	0	€ 675,08	€ -
QDD-400G-DR4	QSFP56-DD 400G DR4 pluggable transceiver and also 4x100G DR	0	€ 1.147,58	€ -
QDD-2X100G-SR4	QSFP28-DD 2x100G SR4 pluggable transceiver	0	€ 671,73	€ -
			TOTALE	€ 238,46

Kit-List (Cablaggio)

Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)
128-6H460-10W	High-Flex Cat 6 Patch Cord CM/LSZH Color Green 10 ft (3.0M) Long	0	€ 4,49	€ -
145-6H460-10G	High-Flex Cat 6 Patch Cord CM/LSZH Color White 10 ft (3.0M) Long	0	€ 4,49	€ -
159-6H460-10R	High-Flex Cat 6 Patch Cord CM/LSZH Color Red 10 ft (3.0M) Long	0	€ 4,49	€ -
VPC-S2D1LCLC0030	Fiber Patch Cord OS2 Singlemode Yellow 1.6 mm DUP-ZIP, LC/UPC-LC/UPC, 3.0 Meters	0	€ 13,19	€ -
VPC-M4D1LCLC0030	Fiber Patch Cord OM4 Multimode Heather Violet 1.6 mm DUP-ZIP, LC/UPC-LC/UPC, 3.0 Meters	0	€ 16,13	€ -
U2LSM1-41C	HDX2 UNITY MTP CASSETTE, 24-FIBER OS2, LC SHUTTERED (BLUE) TO 3X8-FIBER MTP(MALE), CONVERSION 4	0	€ 543,68	€ -
5FUHD-6MB	HDX ADAPTER PLATE 6-F MTP (BLACK) KEYED UP TO KEYED UP	0	€ 72,45	€ -
HDX1F-144	UHDX 1RU Flat Panel 144	0	€ 134,67	€ -
MMCACCCM001	1U 19 PATCH LEAD ORGANISER 5 RINGS	0	€ 10,71	€ -
UP8AMM-B0020-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 2.0 meters Euroclass Eca, Method B, 8-Fib	0	€ 158,11	€ -
FT-FG024JK003005C05CN-NNBS	Enterprise DC Low Loss Fiber Trunk 24-Fiber OM4 Multimode Heather Violet 3.0 metres Euroclass Cca, Meth	0	€ 276,74	€ -
UP8AMM-B0030-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 3.0 meters Euroclass Eca, Method B, 8-Fib	0	€ 158,97	€ -
548AMM-B0030-S	8-Fibre OM4 Multimode 3.0 meters Euroclass Eca Array Cable Array Cord, Method B, 8-Fibre Female MTP to	3	€ 108,70	€ 326,09
548AMM-B0050-S	8-Fibre OM4 Multimode 5.0 meters HFFR-LS Euroclass Eca Array Cord, Method B, 8-Fibre Female MTP to 8-F	0	€ 115,01	€ -
UP8AMM-B0050-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 5.0 meters Euroclass Eca, Method B, 8-Fib	0	€ 159,62	€ -
			TOTALE	€ 326,09

OTTICHE				
Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)
QSFP-100G-SR4-C	QSFP28 100GBase-SR4 Optics for up to 100m transmission over parallel MMF	4	€ 119,23	€ 476,92
QSFP-100G-LR4-C	QSFP28 100GBase-L4 Optics for up to 10km transmission over serial SMF	0	€ 540,03	€ -
SFP-10G-SR-C	SFP+ 10GE pluggable transceiver, MMF, 850nm for 300m transmission	0	€ 22,51	€ -
SFP-10G-LR-C	SFP+ 10GE pluggable transceiver, SMF, 1310nm for 10KM transmission	0	€ 31,33	€ -
SFP-10GE-ZR	SFP+ 10GE pluggable transceiver, SMF, 1550nm for 80KM transmission	0	€ 1.190,92	€ -
SFP-1G-LX-C	GE SFP LX Plug In, Module, Spare, MX, A2/A10, M320/T640/T320, M120	0	€ 24,79	€ -
SFP-1GE-LH	GE SFP LH Plug-in, Module, Spare, M160, T320/T640	0	€ 203,18	€ -
SFP-1G-T-C	GE SFP, 1000BASE-T Plug-in, Module, M10/M10i, M160, M320, M40/M40e T320/T640	0	€ 36,80	€ -
QSFP-4X10GE-LR	QSFP+ 4X10GBASE LR ETHERNET MODULE	1	€ 675,08	€ 675,08
QDD-400G-DR4	QSFP56-DD 400G DR4 pluggable transceiver and also 4x100G DR	0	€ 1.147,58	€ -
QDD-2X100G-SR4	QSFP28-DD 2x100G SR4 pluggable transceiver	0	€ 671,73	€ -
			TOTALE	€ 1.151,99

Kit-List (Cablaggio)

Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)
128-6H460-10W	High-Flex Cat 6 Patch Cord CM/LSZH Color Green 10 ft (3.0M) Long	0	€ 4,49	€ -
145-6H460-10G	High-Flex Cat 6 Patch Cord CM/LSZH Color White 10 ft (3.0M) Long	0	€ 4,49	€ -
159-6H460-10R	High-Flex Cat 6 Patch Cord CM/LSZH Color Red 10 ft (3.0M) Long	0	€ 4,49	€ -
VPC-S2D1LCLC0030	Fiber Patch Cord OS2 Singlemode Yellow 1.6 mm DUP-ZIP, LC/UPC-LC/UPC, 3.0 Meters	6	€ 13,19	€ 79,12
VPC-M4D1LCLC0030	Fiber Patch Cord OM4 Multimode Heather Violet 1.6 mm DUP-ZIP, LC/UPC-LC/UPC, 3.0 Meters	0	€ 16,13	€ -
U2LSM1-41C	HDX2 UNITY MTP CASSETTE, 24-FIBER OS2, LC SHUTTERED (BLUE) TO 3X8-FIBER MTP	1	€ 543,68	€ 543,68
5FUHD-6MB	HDX ADAPTER PLATE 6-F MTP (BLACK) KEYED UP TO KEYED UP	0	€ 72,45	€ -
HDX1F-144	UHDX 1RU Flat Panel 144	1	€ 134,67	€ 134,67
MMCACCCM001	1U 19 PATCH LEAD ORGANISER 5 RINGS	1	€ 10,71	€ 10,71
UP8AMM-B0020-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 2.0 meters Euroclass Eca	2	€ 158,11	€ 316,22
FT-FG024JK003005C05CN-NNBS	Enterprise DC Low Loss Fiber Trunk 24-Fiber OM4 Multimode Heather Violet 3.0 meters Euroclass Eca	0	€ 276,74	€ -
UP8AMM-B0030-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 3.0 meters Euroclass Eca	0	€ 158,97	€ -
548AMM-B0030-S	8-Fibre OM4 Multimode 3.0 meters Euroclass Eca Array Cable Array Cord, Method B, 8-Fiber	6	€ 108,70	€ 652,18
548AMM-B0050-S	8-Fibre OM4 Multimode 5.0 meters HFFR-LS Euroclass Eca Array Cord, Method B, 8-Fiber	0	€ 115,01	€ -
UP8AMM-B0050-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 5.0 meters Euroclass Eca	0	€ 159,62	€ -
			TOTALE	€ 1.736,58

Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (IVA esclusa)	TOTALE Part Number (IVA esclusa)	Costo Unitario Manutenzione Annuo (Euro, IVA esclusa)	Costo Totale Manutenzione Annuo (EURO, IVA esclusa)	Costo Totale Manutenzione per 5 Anni (EURO, IVA esclusa)
MX480-PREMIUM3-AC	MX480 Premium Chassis Bundle with Enhanced Midplane. Also includes redundant RE, redundant SCB-E, redun	0	€ 18.976,05	€ -	€ 1.006,16	€ -	€ -
RE-5G-128G-5-BB	Routing Engine - 6 Core 2.0GHz with 128G Memory, Secure Boot, Base Bundle for MX240/MX480/MX960	0	€ -	€ -	€ -	€ -	€ -
SCB-E3-MX-BB	Enhanced MX Switch Control Board, Base Bundle	0	€ 1.761,52	€ -	€ -	€ -	€ -
CBLM-PWR-RA-EU	M320 AC Power Cable, EU, Right Angle	0	€ 14,55	€ -	€ -	€ -	€ -
JUNOS-64-BB	JUNOS 64-Bit Standard Software Suite	0	€ -	€ -	€ -	€ -	€ -
FANTRAY-MX480-HC-BB	MX480 High Capacity Fantray, configurable option in base bundle	0	€ -	€ -	€ -	€ -	€ -
PWR-MX480-2520-AC-BB	2520W AC Power Supply, configurable option in base bundle (Note: AC power cords are sold separately)	0	€ -	€ -	€ -	€ -	€ -
MPIC10E-10C-P-BASE	MPIC10E-10C Integrated SKU with Base HW + Standard JUNOS SW, Perpetual	0	€ 21.248,18	€ -	€ 1.554,25	€ -	€ -
S-MX-1C-P1-P	SW MPIC10E 1x100GE port	0	€ 10.621,89	€ -	€ 542,50	€ -	€ -
MPIC7E-10G-8B	40 x 10GE SFP + port line card bundle, price includes full scale L3, L2 and L2.5 features. Optics sold separately.	1	€ 41.081,74	€ 41.081,74	€ 4.976,94	€ 4.976,94	€ 24.884,72
			TOTALE	€ 41.081,74	TOTALE	€ 4.976,94	€ 24.884,72

Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)
OSFP-100G-SR4-C	OSFP28 100GBase-SR4 Optics for up to 100m transmission over parallel MMF	2	€ 119,23	€ 238,46
OSFP-100G-LR4-C	OSFP28 100GBase-L4 Optics for up to 10km transmission over serial SMF	0	€ 540,03	€ -
SFP-10G-SR-C	SFP+ 10GE pluggable transceiver, MMF, 850nm for 300m transmission	0	€ 22,51	€ -
SFP-10G-LR-C	SFP+ 10GE pluggable transceiver, SMF, 1310nm for 10KM transmission	0	€ 31,33	€ -
SFP-10G-ZR	SFP+ 10GE pluggable transceiver, SMF, 1550nm for 80KM transmission	0	€ 1.190,92	€ -
SFP-1G-LX-C	GE SFP LX Plug-In, Module, Spare, MX, A2/A10, M120/1640/T320, M120	0	€ 24,79	€ -
SFP-1G-LH	GE SFP LH Plug-In, Module, Spare, M160, T320/T640	0	€ 201,18	€ -
SFP-1G-F-C	GE SFP 100GBASE-T Plug-In, Module, M10/M10, M160, M120, M40/M40e/T320/T640	0	€ 36,80	€ -
QSFP-4X10G-LR	QSFP+ 4X10GBASE LR ETHERNET MODULE	0	€ 675,08	€ -
QDD-400G-DR4	QSFP56-DD 400G DR4 pluggable transceiver and also 4x100G DR	0	€ 1.347,58	€ -
QDD-2X100G-SR4	QSFP28-DD 2x100G SR4 pluggable transceiver	0	€ 671,73	€ -
			TOTALE	€ 238,46

Kit-List (Cablaggio)

Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)
126-6H40-10W	High-Flex Cat 6 Patch Cord CM15ZH Color Green 10 ft (3.0M) Long	0	€ 4,49	€ -
145-6H40-10G	High-Flex Cat 6 Patch Cord CM15ZH Color White 10 ft (3.0M) Long	0	€ 4,49	€ -
159-6H40-10R	High-Flex Cat 6 Patch Cord CM15ZH Color Red 10 ft (3.0M) Long	0	€ 4,49	€ -
VPC-S2D1LCLC0030	Fiber Patch Cord OS2 Singlemode Yellow 1.6 mm DUP-ZIP, LC/LPC-LC/LPC, 3.0 Meters	0	€ 13,19	€ -
VPC-M4D1LCLC0030	Fiber Patch Cord OM4 Multimode Heather Violet 1.6 mm DUP-ZIP, LC/LPC-LC/LPC, 3.0 Meters	0	€ 16,13	€ -
U2LSM1-41C	HDX2 UNITY MTP CASSETTE, 24-FIBER OS2, LC SHUTTERED (BLU) TO 3X8-FIBER MTR(MALE), CONVERSION 4:1, B	0	€ 543,68	€ -
SFUHD-8MB	HDX ADAPTER PLATE 6-F MTP (BLACK) KEYED UP TO KEYED UP	0	€ 72,45	€ -
HDXSF-144	HDX8 180-Fiber Patch 144	0	€ 134,67	€ -
MMACCCM001	1U 19 PATCH LEAD ORGANISER 5 RINGS	0	€ 10,71	€ -
UP8AMM-80020-5	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 2.0 meters Euroclass Eca, Method B, 8-Fiber Fe	0	€ 158,11	€ -
FT-FG024K0030C05CN-NV85	Enterprise DC Low Loss Fiber Trunk 24-Fiber OM4 Multimode Heather Violet 3.0 meters Euroclass Cca, Method B,	0	€ 276,74	€ -
UP8AMM-80030-5	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 3.0 meters Euroclass Eca, Method B, 8-Fiber Fe	0	€ 158,97	€ -
548AMM-80030-5	8-Fiber OM4 Multimode 3.0 meters Euroclass Eca Array Cable Array Cord, Method B, 8-Fiber Female MTP to 8-Fiber F	3	€ 108,70	€ 326,09
548AMM-80050-5	8-Fiber OM4 Multimode 5.0 meters SFP8-L3 Euroclass Eca Array Cord, Method B, 8-Fiber Female MTP to 8-Fiber F	0	€ 115,01	€ -
UP8AMM-80050-5	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 5.0 meters Euroclass Eca, Method B, 8-Fiber Fe	0	€ 159,62	€ -
			TOTALE	€ 326,09

Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (IVA esclusa)	TOTALE Part Number (IVA esclusa)	Costo Unitario Manutenzione Annuale (Euro, IVA esclusa)	Costo Totale Manutenzione Annuale (EURO, IVA esclusa)	Costo Totale Manutenzione per 5 Anni (EURO, IVA esclusa)
MX480-PREMIUM3-AC	MX480 Premium Chassis Bundle with Enhanced Midplane. Also includes redundant RE, redundant SCB-E, redund	0	€ 18.576,05	€ -	€ 1.006,16	€ -	€ -
RE-SX6-128G-S-BB	Routing Engine - 6 Core 2.0GHz with 128G Memory, Secure Boot, Base Bundle for MX240/MX480/MX960	0	€ -	€ -	€ -	€ -	€ -
SCB-E-MX-8B	Enhanced MX Switch Control Board, Base Bundle	0	€ 1.761,52	€ -	€ -	€ -	€ -
CBLEX-PWR-RX-EU	M120 AC Power Cable, EU, Right-Angle	0	€ 16,55	€ -	€ -	€ -	€ -
JUNOS-64-8B	JUNOS 64-Bit Standard Software Suite	0	€ -	€ -	€ -	€ -	€ -
FRANTRAY-MX480-HC-8B	MX480 High Capacity fantray, configurable option in base bundle	0	€ -	€ -	€ -	€ -	€ -
PWR-MX480-2520-AC-8B	2520W AC Power Supply, configurable option in base bundle (Note: AC power cords are sold separately)	0	€ -	€ -	€ -	€ -	€ -
MPC10E-10C-P-BASE	MPC10E-10C Integrated SKU with Base HW + Standard JUNOS SW, Perpetual	2	€ 21.243,18	€ 42.486,37	€ 1.554,25	€ 3.108,50	€ 15.542,48
S-MX-1C-P1-P	SW MPC10E 1x100GE port	16	€ 10.621,89	€ 169.950,20	€ 542,50	€ 8.679,98	€ 43.399,90
MPC7E-10G-RB	40 x10GE SFP + port line card bundle, price includes full scale L3, L2 and L2.5 features. Optics sold separately.	0	€ 41.081,74	€ -	€ 4.976,94	€ -	€ -
			TOTALE	€ 212.436,56	TOTALE	€ 11.788,48	€ 58.942,38

Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (IVA esclusa)	TOTALE Part Number (IVA esclusa)	Costo Unitario Manutenzione Annuale (Euro, IVA esclusa)	Costo Totale Manutenzione Annuale (EURO, IVA esclusa)	Costo Totale Manutenzione per 5 Anni (EURO, IVA esclusa)
MX304-PREM1	MX304 Prem Chassis - price includes 2 Routing Engine, 2 power supplies B438, 3 fan trays	1	€ 21.117,14	€ 21.117,14	€ 1.432,10	€ 1.432,10	€ 7.160,50
JNP-PWR2200-AC-8B	Universal AC Power Supply, 2200W, Base	2	€ -	€ -	€ -	€ -	€ -
JUNOS-64-8B	Junos 64-Bit Standard Base Bundle	1	€ -	€ -	€ -	€ -	€ -
CBLEX-PWR-C19-IT	AC Power Cable - Italy (16A/250V, 2.5m)	2	€ 11,41	€ 22,81	€ -	€ -	€ -
JNP304-RE-8B	JNP304 Routing Engine, BASE	2	€ -	€ -	€ -	€ -	€ -
JNP304-CHAS-8B	JNP304 Chassis Base unit	1	€ -	€ -	€ -	€ -	€ -
JNP-FAN-2RU-8B	Universal Fan, 2RU, Base	3	€ -	€ -	€ -	€ -	€ -
MX304-1-ET-Combo-1MC-16x10GE / 4x100G-integrated SKU with Base HW+Standard Junos SW, Perpetual	MX304 1-ET Combo 1MC 16x10GE / 4x100G-integrated SKU with Base HW+Standard Junos SW, Perpetual	2	€ 6.830,48	€ 13.660,97	€ 415,79	€ 831,57	€ 4.157,85
S-MX-1C-P1-C1-P	SW, MX, 1x100GE ports, Pre1, Class 1, w/out SW Support, Perpetual	25	€ 6.418,16	€ 160.453,89	€ 320,79	€ 8.019,86	€ 40.099,28
			TOTALE	€ 195.254,82	TOTALE	€ 10.283,53	€ 51.417,63

OTTICHE

Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)
QSFP28-100G-SR4-C	QSFP28 100GBase-SR4 Optics for up to 100m transmission over parallel MMF	6	€ 119,23	€ 715,38
QSFP-100G-LR4-C	QSFP28 100GBase-L4 Optics for up to 10km transmission over serial SMF	3	€ 540,03	€ 1.620,09
SFP-10G-SR-C	SFP+ 10GE pluggable transceiver, MMF, 850nm for 300m transmission	0	€ 22,54	€ -
SFP-10G-LR-C	SFP+ 10GE pluggable transceiver, SMF, 1310nm for 100M transmission	0	€ 31,33	€ -
SFP-10GE-ZR	SFP+ 10GE pluggable transceiver, SMF, 1550nm for 800M transmission	0	€ 1.190,92	€ -
SFP-1G-LX-C	GE SFP LX Plug-in, Module, Spare, MX, A2/A10, M320/T640/T320, M120	0	€ 24,79	€ -
SFP-1GE-LH	GE SFP LH Plug-in, Module, Spare, M160, M320/T640	0	€ 203,18	€ -
SFP-1G-T-C	GE SFP, 1000BASE-T Plug-in, Module, M10/M10L, M160, M320, M40/M40e T320/T640	0	€ 36,80	€ -
QSFP-4X10GE-LR	QSFP+ 4X10GBASE LR ETHERNET MODULE	0	€ 675,08	€ -
QDD-400G-DR4	QSFP56-DD 400G DR4 pluggable transceiver and also 4x100G DR	15	€ 1.147,58	€ 17.213,73
QDD-2x100G-SR4	QSFP28-DD 2x100G SR4 pluggable transceiver	6	€ 671,73	€ 4.030,38
			TOTALE	€ 23.579,57

Kit-List (Cablaggio)

Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)
128-6H460-10W	High-Flex Cat 6 Patch Cord CM/LSZH Color Green 10 Ft (3.0M) Long	0	€ 4,49	€ -
145-6H460-10G	High-Flex Cat 6 Patch Cord CM/LSZH Color White 10 Ft (3.0M) Long	2	€ 4,49	€ 8,98
159-6H460-10R	High-Flex Cat 6 Patch Cord CM/LSZH Color Red 10 Ft (3.0M) Long	2	€ 4,49	€ 8,98
VPC52D1LCC0030	Fiber Patch Cord OS2 Singlemode Yellow 1.6 mm DUP-ZIP, LC/UPC-LC/UPC, 3.0 Meters	5	€ 13,19	€ 65,94
VPC-M40D1LCC0030	Fiber Patch Cord OM4 Multimode Heather Violet 1.6 mm DUP-ZIP, LC/UPC-LC/UPC, 3.0 Meters	0	€ 16,13	€ -
UZLSM1-41C	HDX2 UNITY MTP CASSETTE, 24-FIBER OS2, LC SHUTTERED (BLUE) TO 3X8-FIBER MTP(MALE), CONVERSION 4:1	0	€ 543,68	€ -
SFUHD-6MB	HDX ADAPTER PLATE 6-F MTP (BLACK) KEYPED UP TO KEYPED UP	3	€ 72,45	€ 217,35
HDX3F-344	HDX 1RU Flat Panel 344	1	€ 134,67	€ 134,67
MMK4CCCM001	1U 19 PATCH LEAD ORGANISER 5 RINGS	1	€ 10,71	€ 10,71
UP8AMM-80020-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 2.0 meters Euroclass Eca, Method B, 8-Fiber	0	€ 158,11	€ -
FT-FG024K030005COSCH-NNBS	Enterprise DC Low Loss Fiber Trunk 24-Fiber OM4 Multimode Heather Violet 3.0 meters Euroclass Cca, Method B, 8-Fiber	8	€ 276,74	€ 2.213,88
UP8AMM-80030-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 3.0 meters Euroclass Eca, Method B, 8-Fiber	15	€ 158,97	€ 2.384,49
UP8AMM-80030-S	8-Fiber OM4 Multimode 3.0 meters Euroclass Eca Array Cable Array Cord, Method B, 8-Fiber Female MTP to 8-F	24	€ 108,70	€ 2.608,71
548AMM-80050-S	8-Fiber OM4 Multimode 5.0 meters HFFR-LS Euroclass Eca Array Cord, Method B, 8-Fiber Female MTP to 8-Fiber	0	€ 115,01	€ -
UP8AMM-80050-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 5.0 meters Euroclass Eca, Method B, 8-Fiber	0	€ 159,62	€ -
			TOTALE	€ 7.653,79

Leaf Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (IVA esclusa)	TOTALE Part Number (IVA esclusa)	Costo Unitario Manutenzione Annuo (Euro, IVA esclusa)	Costo Totale Manutenzione Annuo (EURO, IVA esclusa)	Costo Totale Manutenzione per 5 Anni (EURO, IVA esclusa)		
MX480-PREMIUM3-AC	MX480 Premium Chassis Bundle with Enhanced Midplane. Also includes redundant RE, redundant	0	€ 18.576,05	€ -	€ 1.006,16	€ -	€ -		
RE-3G6-128G-5-8B	Routing Engine - 6 Core 2.0GHz with 128G Memory, Secure Boot, Base Bundle for MX240/MX480	0	€ -	€ -	€ -	€ -	€ -		
SCB3-MX-8B	Enhanced MX Switch Control Board, Base Bundle	0	€ 1.761,52	€ -	€ -	€ -	€ -		
CLB-M-PWR-RA-EU	M320 AC Power Cable, EU, Right Angle	0	€ 14,55	€ -	€ -	€ -	€ -		
JUNOS-64-8B	JUNOS 64-Bit Standard Software Suite	0	€ -	€ -	€ -	€ -	€ -		
FXANTIRAY-MX480-HC-8B	MX480 High Capacity fantray, configurable option in base bundle	0	€ -	€ -	€ -	€ -	€ -		
PWR-RAM80-2520-AC-8B	2520W AC Power Supply, configurable option in base bundle (Note: AC power cords are sold sep	0	€ -	€ -	€ -	€ -	€ -		
MPC10E-10C-P-BASE	MPC10E-10C Integrated SKU with Base HW + Standard JUNOS SW, Perpetual	2	€ 21.243,18	€ 42.486,37	€ 1.554,25	€ 3.108,50	€ 15.542,48		
S-MX-1C-P1-P	SW MPC10E 1x100G port	16	€ 10.621,89	€ 169.950,20	€ 142,50	€ 8.679,98	€ 43.399,90		
MPC7E-10G-8B	40 x 10GE SFP + port line card bundle, price includes full scale L3, L2 and L2.5 features. Optics sol	0	€ 41.081,74	€ -	€ 4.976,94	€ -	€ -		
TOTALE			€	212.436,56	TOTALE	€	11.788,48	€	58.942,38

Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)
QSFP-100G-SR4-C	QSFP28 100GBase-SR4 Optics for up to 100m transmission over parallel MMF	3	€ 119,23	€ 357,69
QSFP-100G-LR4-C	QSFP28 100GBase-L4 Optics for up to 10km transmission over serial SMF	0	€ 540,03	€ -
SFP-10G-SR-C	SFP+ 10GE pluggable transceiver, MMF, 850nm for 300m transmission	0	€ 22,51	€ -
SFP-10G-LR-C	SFP+ 10GE pluggable transceiver, SMF, 1310nm for 3.0KM transmission	0	€ 31,33	€ -
SFP-10GE-2R	SFP+ 10GE pluggable transceiver, SMF, 1550nm for 800M transmission	0	€ 1.190,92	€ -
SFP-1G-LX-C	GE SFP LX Plug-in, Module, Spare, MX, A2/A10, M320/T640/T320, M120	0	€ 24,79	€ -
SFP-1G-LH	GE SFP LH Plug-in, Module, Spare, M160, T320/T640	0	€ 203,18	€ -
SFP-1G-T-C	GE SFP, 1000BASE-T Plug-in, Module, M10/M10L, M160, M320, M40/M40e T320/T640	0	€ 36,80	€ -
QSFP-4X10G-LR	QSFP+ 4X10GBASE LR ETHERNET MODULE	0	€ 675,08	€ -
QDD-400G-DR4	QSFP56-DO 400G DR4 pluggable transceiver and also 4x100G DR	2	€ 1.147,58	€ 2.295,16
QDD-2X100G-SR4	QSFP28-DO 2x100G SR4 pluggable transceiver	0	€ 671,73	€ -
TOTALE			€	2.652,85

Kit-List (Cablaggio)

Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)
128-6H460-10W	High-Flex Cat 6 Patch Cord CM/LSZH Color Green 10 Ft (3.0M) Long	0	€ 4,49	€ -
145-6H460-10G	High-Flex Cat 6 Patch Cord CM/LSZH Color White 10 Ft (3.0M) Long	0	€ 4,49	€ -
159-6H460-10R	High-Flex Cat 6 Patch Cord CM/LSZH Color Red 10 Ft (3.0M) Long	0	€ 4,49	€ -
VPC52D1LCLC0030	Fiber Patch Cord OS2 Singlemode Yellow 1.6 mm DUP-ZIP, LC/UPC-LC/UPC, 3.0 Meters	0	€ 13,19	€ -
VPC-M4D1LCLC0030	Fiber Patch Cord OM4 Multimode Heather Violet 1.6 mm DUP-ZIP, LC/UPC-LC/UPC, 3.0 Meters	0	€ 16,13	€ -
U2LSM1-41C	HDX UNITY MTP CASSETTE, 24-FIBER OS2, LC SHUTTERED (BLUE) TO 3X8-FIBER MTP(MALE), COI	0	€ 543,68	€ -
SFLHD-6MB	HDX ADAPTER PLATE 6-F MTP (BLACK) KEYPED UP TO KEYPED LP	0	€ 72,45	€ -
HDX1F-144	HDX 1RU Flat Panel 144	0	€ 136,67	€ -
MM3ACCC001	1U 19" PATCH LEAD ORGANISER 5 RINGS	0	€ 10,71	€ -
UP8AMM-80030-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 3.0 meters Euroclass Eca, Mett	0	€ 158,11	€ -
FT-FG024K003005COSCON-NWBS	Enterprise DC Low Loss Fiber Trunk 24-Fiber OM4 Multimode Heather Violet 3.0 meters Euroclass	0	€ 276,74	€ -
UP8AMM-80030-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 3.0 meters Euroclass Eca, Mett	2	€ 158,97	€ 317,93
548AMM-80030-S	8-Fiber OM4 Multimode 3.0 meters Euroclass Eca Array Cable Array Cord, Method B, 8-Fibre Fem	4	€ 108,70	€ 434,78
548AMM-80050-S	8-Fiber OM4 Multimode 5.0 meters HFFR-LS Euroclass Eca Array Cord, Method B, 8-Fibre Female	0	€ 115,01	€ -
UP8AMM-80050-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 5.0 meters Euroclass Eca, Mett	0	€ 159,62	€ -
TOTALE			€	752,72

OTTICHE				
Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)
QSFP-100G-SR4-C	QSFP28 100GBase-SR4 Optics for up to 100m transmission over parallel MMF	2	€ 119,23	€ 238,46
QSFP-100G-LR4-C	QSFP28 100GBase-L4 Optics for up to 10km transmission over serial SMF	0	€ 540,03	€ -
SFP-10G-SR-C	SFP+ 10GE pluggable transceiver, MMF, 850nm for 300m transmission	0	€ 22,51	€ -
SFP-10G-LR-C	SFP+ 10GE pluggable transceiver, SMF, 1310nm for 10KM transmission	0	€ 31,33	€ -
SFP-10GE-ZR	SFP+ 10GE pluggable transceiver, SMF, 1550nm for 80KM transmission	0	€ 1.190,92	€ -
SFP-1G-LX-C	GE SFP LX Plug In, Module, Spare, MX, A2/A10, M320/T640/T320, M120	0	€ 24,79	€ -
SFP-1GE-LH	GE SFP LH Plug-in, Module, Spare, M160, T320/T640	0	€ 203,18	€ -
SFP-1G-T-C	GE SFP, 1000BASE-T Plug-in, Module, M10/M10i, M160, M320, M40/M40e T320/T640	0	€ 36,80	€ -
QSFP-4X10GE-LR	QSFP+ 4X10GBASE LR ETHERNET MODULE	0	€ 675,08	€ -
QDD-400G-DR4	QSFP56-DD 400G DR4 pluggable transceiver and also 4x100G DR	0	€ 1.147,58	€ -
QDD-2X100G-SR4	QSFP28-DD 2x100G SR4 pluggable transceiver	0	€ 671,73	€ -
			TOTALE	€ 238,46

Kit-List (Cablaggio)				
Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)
128-6H460-10W	High-Flex Cat 6 Patch Cord CM/LSZH Color Green 10 ft (3.0M) Long	0	€ 4,49	€ -
145-6H460-10G	High-Flex Cat 6 Patch Cord CM/LSZH Color White 10 ft (3.0M) Long	0	€ 4,49	€ -
159-6H460-10R	High-Flex Cat 6 Patch Cord CM/LSZH Color Red 10 ft (3.0M) Long	0	€ 4,49	€ -
VPC-S2D1LCLC0030	Fiber Patch Cord OS2 Singlemode Yellow 1.6 mm DUP-ZIP, LC/UPC-LC/UPC, 3.0 Meters	0	€ 13,19	€ -
VPC-M4D1LCLC0030	Fiber Patch Cord OM4 Multimode Heather Violet 1.6 mm DUP-ZIP, LC/UPC-LC/UPC, 3.0 Meters	0	€ 16,13	€ -
U2LSM1-41C	HDX2 UNITY MTP CASSETTE, 24-FIBER OS2, LC SHUTTERED (BLUE) TO 3X8-FIBER MTP(MALE), CON	0	€ 543,68	€ -
5FUHD-6MB	HDX ADAPTER PLATE 6-F MTP (BLACK) KEYED UP TO KEYED UP	0	€ 72,45	€ -
HDX1F-144	UHDX 1RU Flat Panel 144	0	€ 134,67	€ -
MMCACCCM001	1U 19 PATCH LEAD ORGANISER 5 RINGS	0	€ 10,71	€ -
UP8AMM-B0020-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 2.0 meters Euroclass Eca, Meth	0	€ 158,11	€ -
FT-FG024JK003005C05CN-NNBS	Enterprise DC Low Loss Fiber Trunk 24-Fiber OM4 Multimode Heather Violet 3.0 metres Euroclass	0	€ 276,74	€ -
UP8AMM-B0030-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 3.0 meters Euroclass Eca, Meth	0	€ 158,97	€ -
548AMM-B0030-S	8-Fibre OM4 Multimode 3.0 meters Euroclass Eca Array Cable Array Cord, Method B, 8-Fibre Fema	3	€ 108,70	€ 326,09
548AMM-B0050-S	8-Fibre OM4 Multimode 5.0 meters HFFR-LS Euroclass Eca Array Cord, Method B, 8-Fibre Female M	0	€ 115,01	€ -
UP8AMM-B0050-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 5.0 meters Euroclass Eca, Meth	0	€ 159,62	€ -
			TOTALE	€ 326,09

Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (IVA esclusa)	TOTALE Part Number (IVA esclusa)	Costo Unitario Manutenzione Annuale (EURO, IVA esclusa)	Costo Totale Manutenzione Annuale (EURO, IVA esclusa)	Costo Totale Manutenzione per 5 Anni (EURO, IVA esclusa)
MX480-PREMIUM3-AC	MX480 Premium Chassis Bundle with Enhanced Midplane. Also includes redundant RE, redundant SCB-E, re	0	€ 18.576,05	€ -	€ -	€ 1.006,16	€ -
RE-S-XG-128G-S-BB	Routing Engine - 6 Core 2.0GHz with 128G Memory, Secure Boot, Base Bundle for MX240/MX480/MX960	0	€ -	€ -	€ -	€ -	€ -
SCBE3-MX-BB	Enhanced MX Switch Control Board, Base Bundle	0	€ 1.761,52	€ -	€ -	€ -	€ -
CLB-M-PWR-RA-EU	M320 AC Power Cable, EU, Right Angle	0	€ 14,55	€ -	€ -	€ -	€ -
JUNOS-64-BB	JUNOS 64-Bit Standard Software Suite	0	€ -	€ -	€ -	€ -	€ -
FFANTRAY-MX480-HC-BB	MX480 High Capacity Fantray, configurable option in base bundle	0	€ -	€ -	€ -	€ -	€ -
PWR-MX480-2520-AC-BB	2520W AC Power Supply, configurable option in base bundle (Note: AC power cords are sold separately)	0	€ -	€ -	€ -	€ -	€ -
MPC10E-10C-3-BASE	MPC10E-10C Integrated SKU with Base HW + Standard JUNOS SW, Perpetual	2	€ 21.249,18	€ 42.498,37	€ -	€ 1.954,25	€ 3.108,50
S-MX-1C-P1-P	SW MPC10E 1x10GGE port	16	€ 10,621,89	€ 169.950,20	€ -	€ 542,50	€ 8.679,98
MPC7E-10G-RB	40 x 10GE SFP + port line card bundle, price includes full scale L3, L2 and L2.5 features. Optics sold separate	0	€ 41.081,74	€ -	€ -	€ 4.976,94	€ -
TOTALE			€	212.436,56	TOTALE	€ 11.788,48	€ 58.942,38

Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)
QSFP-100G-SR4-C	QSFP28 100GBase-SR4 Optics for up to 100m transmission over parallel MMF	2	€ 119,23	€ 238,46
QSFP-100G-LR4-C	QSFP28 100GBase-L4 Optics for up to 10km transmission over serial SMF	0	€ 540,03	€ -
SFP-10G-SR-C	SFP+ 10GE pluggable transceiver, MMF, 850nm for 300m transmission	0	€ 22,51	€ -
SFP-10G-LR-C	SFP+ 10GE pluggable transceiver, SMF, 1310nm for 10KM transmission	0	€ 31,33	€ -
SFP-10GE-ZR	SFP+ 10GE pluggable transceiver, SMF, 1550nm for 80KM transmission	0	€ 1.190,92	€ -
SFP-1G-LX-C	GE SFP LX Plug-in, Module, Spare, MX, A2/A10, M320/T640/T320, M120	0	€ 24,79	€ -
SFP-1GE-LH	GE SFP LH Plug-in, Module, Spare, M160, T320/T640	0	€ 203,18	€ -
SFP-1G-T-C	GE SFP, 1000BASE-T Plug-in, Module, M10/M10I, M160, M320, M40/M40e T320/T640	0	€ 36,80	€ -
QSFP-4X10GE-LR	QSFP+ 4X10GBase LR ETHERNET MODULE	1	€ 675,08	€ 675,08
QDD-400G-DR4	QSFP56-DD 400G DR4 pluggable transceiver and also 4x100G DR	8	€ 1.147,58	€ 9.180,66
QDD-2X100G-SR4	QSFP28-DD 2x100G SR4 pluggable transceiver	2	€ 671,73	€ 1.343,46
TOTALE			€	11.437,65

Kit-List (Cablaggio)

Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)
128-6H460-10W	High-Flex Cat 6 Patch Cord CM/LSZH Color Green 10 Ft (3.0M) Long	0	€ 4,49	€ -
145-6H460-10G	High-Flex Cat 6 Patch Cord CM/LSZH Color White 10 Ft (3.0M) Long	0	€ 4,49	€ -
159-6H460-10R	High-Flex Cat 6 Patch Cord CM/LSZH Color Red 10 Ft (3.0M) Long	0	€ 4,49	€ -
VPC-S2D11CLCO030	Fiber Patch Cord OS2 Singlemode Yellow 1.6mm DUP-209, LC/LPFC-LC/LPFC, 3.0 Meters	6	€ 13,19	€ 79,12
VPC-M4D11CLCO030	Fiber Patch Cord OM4 Multimode Heather Violet 1.6mm DUP-209, LC/LPFC-LC/LPFC, 3.0 Meters	0	€ 16,13	€ -
U2LSM1-41C	HDX2 UNITY MTP CASSETTE, 24-FIBER, OS2, LC SHUTTERED (BLUE) TO 3X8-FIBER MTP(MALE), CONVERSION	1	€ 543,68	€ 543,68
SFUDH-6M8	HDX ADAPTER PLATE 6-F MTP (BLACK) KEVED UP TO KEVED UP	1	€ 72,45	€ 72,45
HDX1F-144	UNDX 1RU Flat Panel 144	2	€ 134,67	€ 269,34
MMCACCCM001	1U 19 PATCH LEAD ORGANISER 5 RINGS	2	€ 10,71	€ 21,41
UPBAMM-80020-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 2.0 meters Euroclass Eca, Method B, 8-F	2	€ 158,11	€ 316,22
FT-FG024IK00300SCSN-NBIS	Enterprise DC Low Loss Fiber Trunk 24-Fiber OM4 Multimode Heather Violet 3.0 metres Euroclass Cca, Met	3	€ 276,74	€ 830,21
UPBAMM-80030-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 3.0 meters Euroclass Eca, Method B, 8-F	8	€ 158,97	€ 1.271,73
548AMM-80030-S	8-Fibre OM4 Multimode 3.0 meters Euroclass Eca Array Cable Array Cord, Method B, 8-Fibre Female MTP to	9	€ 108,70	€ 978,27
548AMM-80050-S	8-Fibre OM4 Multimode 5.0 meters HFFR-LS Euroclass Eca Array Cord, Method B, 8-Fibre Female MTP to B	0	€ 115,01	€ -
UPBAMM-80050-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 5.0 meters Euroclass Eca, Method B, 8-F	0	€ 159,62	€ -
TOTALE			€	4.382,42

OTTICHE				
Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)
QSFP-100G-SR4-C	QSFP28 100GBase-SR4 Optics for up to 100m transmission over parallel MMF	2	€ 119,23	€ 238,46
QSFP-100G-LR4-C	QSFP28 100GBase-L4 Optics for up to 10km transmission over serial SMF	0	€ 540,03	€ -
SFP-10G-SR-C	SFP+ 10GE pluggable transceiver, MMF, 850nm for 300m transmission	0	€ 22,51	€ -
SFP-10G-LR-C	SFP+ 10GE pluggable transceiver, SMF, 1310nm for 10KM transmission	0	€ 31,33	€ -
SFP-10GE-ZR	SFP+ 10GE pluggable transceiver, SMF, 1550nm for 80KM transmission	0	€ 1.190,92	€ -
SFP-1G-LX-C	GE SFP LX Plug In, Module, Spare, MX, A2/A10, M320/T640/T320, M120	0	€ 24,79	€ -
SFP-1GE-LH	GE SFP LH Plug-in, Module, Spare, M160, T320/T640	0	€ 203,18	€ -
SFP-1G-T-C	GE SFP, 1000BASE-T Plug-in, Module, M10/M10i, M160, M320, M40/M40e T320/T640	0	€ 36,80	€ -
QSFP-4X10GE-LR	QSFP+ 4X10GBASE LR ETHERNET MODULE	0	€ 675,08	€ -
QDD-400G-DR4	QSFP56-DD 400G DR4 pluggable transceiver and also 4x100G DR	0	€ 1.147,58	€ -
QDD-2X100G-SR4	QSFP28-DD 2x100G SR4 pluggable transceiver	0	€ 671,73	€ -
TOTALE				€ 238,46

Kit-List (Cablaggio)

Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)
128-6H460-10W	High-Flex Cat 6 Patch Cord CM/LSZH Color Green 10 ft (3.0M) Long	0	€ 4,49	€ -
145-6H460-10G	High-Flex Cat 6 Patch Cord CM/LSZH Color White 10 ft (3.0M) Long	0	€ 4,49	€ -
159-6H460-10R	High-Flex Cat 6 Patch Cord CM/LSZH Color Red 10 ft (3.0M) Long	0	€ 4,49	€ -
VPC-S2D1LCLC0030	Fiber Patch Cord OS2 Singlemode Yellow 1.6 mm DUP-ZIP, LC/UPC-LC/UPC, 3.0 Meters	0	€ 13,19	€ -
VPC-M4D1LCLC0030	Fiber Patch Cord OM4 Multimode Heather Violet 1.6 mm DUP-ZIP, LC/UPC-LC/UPC, 3.0 Meters	0	€ 16,13	€ -
U2LSM1-41C	HDX2 UNITY MTP CASSETTE, 24-FIBER OS2, LC SHUTTERED (BLUE) TO 3X8-FIBER MTP(MALE), COP	0	€ 543,68	€ -
5FUHD-6MB	HDX ADAPTER PLATE 6-F MTP (BLACK) KEYED UP TO KEYED UP	0	€ 72,45	€ -
HDX1F-144	UHDX 1RU Flat Panel 144	0	€ 134,67	€ -
MMCACCCM001	1U 19 PATCH LEAD ORGANISER 5 RINGS	0	€ 10,71	€ -
UP8AMM-B0020-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 2.0 meters Euroclass Eca, Met	0	€ 158,11	€ -
FT-FG024JK003005C05CN-NNBS	Enterprise DC Low Loss Fiber Trunk 24-Fiber OM4 Multimode Heather Violet 3.0 metres Euroclas	0	€ 276,74	€ -
UP8AMM-B0030-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 3.0 meters Euroclass Eca, Met	0	€ 158,97	€ -
548AMM-B0030-S	8-Fibre OM4 Multimode 3.0 meters Euroclass Eca Array Cable Array Cord, Method B, 8-Fibre Fem	3	€ 108,70	€ 326,09
548AMM-B0050-S	8-Fibre OM4 Multimode 5.0 meters HFFR-LS Euroclass Eca Array Cord, Method B, 8-Fibre Female	0	€ 115,01	€ -
UP8AMM-B0050-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 5.0 meters Euroclass Eca, Met	0	€ 159,62	€ -
TOTALE				€ 326,09

Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (IVA esclusa)	TOTALE Part Number (IVA esclusa)	Costo Unitario Manutenzione Annuale (Euro, IVA esclusa)	Costo Totale Manutenzione Annuale (EURO, IVA esclusa)	Costo Totale Manutenzione per 5 Anni (EURO, IVA esclusa)
LEAF							
MX480-PRERULIM3-AC	MX480 Premium Chassis Bundle with Enhanced Midplane. Also includes redundant RE, redundant	1	€ 18.576,05	€ 18.576,05	€ 1.006,16	€ 1.006,16	€ 5.030,78
RE-S-XG-12BG-S-BB	Routing Engine - 6 Core 2.0GHz with 128G Memory, Secure Boot, Base Bundle for MX240/MX480	2	€ -	€ -	€ -	€ -	€ -
SCRE3-MX-BB	Enhanced MX Switch Control Board, Base Bundle	2	€ 1.761,52	€ 3.523,04	€ -	€ -	€ -
CLM-M-PWR-RA-EU	M320 AC Power Cable, EU, Right Angle	4	€ 14,55	€ 58,18	€ -	€ -	€ -
JUNOS-64-BB	JUNOS 64-Bit Standard Software Suite	1	€ -	€ -	€ -	€ -	€ -
FFANTRAY-MX480-HC-BB	MX480 High Capacity fantray, configurable option in base bundle	1	€ -	€ -	€ -	€ -	€ -
PWR-MX480-2520-AC-BB	2520W AC Power Supply, configurable option in base bundle (Note: AC power cords are sold sep	4	€ -	€ -	€ -	€ -	€ -
MPC10E-10C-P-BASE	MPC10E-10C Integrated SKU with Base HW + Standard JUNOS SW, Perpetual	2	€ 21.243,18	€ 42.486,37	€ 1.554,25	€ 3.108,50	€ 15.542,48
S-MK-1C-P1-P	SW MPC10E 1x10GGE port	16	€ 10.621,89	€ 169.950,20	€ 542,50	€ 8.679,98	€ 43.399,90
MPC7E-10G-RB	40 x 10GE SFP + port line card bundle, price includes full scale L3, L2 and L2.5 features. Optics so	1	€ 41.081,74	€ 41.081,74	€ 4.976,94	€ 4.976,94	€ 24.884,72
			TOTALE	€ 275.675,58	TOTALE	€ 17.771,58	€ 88.857,88

Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)
OSFP-100G-SR4-C	OSFP28 100GBase-SR4 Optics for up to 100m transmission over parallel MMF	0	€ 119,23	€ -
OSFP-100G-SR4-C	OSFP28 100GBase-L4 Optics for up to 100m transmission over serial SMF	0	€ 540,03	€ -
SFP-10G-SR-C	SFP+ 10GE pluggable transceiver, MMF, 850nm for 300m transmission	0	€ 22,51	€ -
SFP-10G-LR-C	SFP+ 10GE pluggable transceiver, SMF, 1310nm for 10KM transmission	10	€ 31,33	€ 313,28
SFP-10GE-2R	SFP+ 10GE pluggable transceiver, SMF, 1550nm for 80KM transmission	1	€ 1.190,92	€ 1.190,92
SFP-1G-LX-C	GE SFP LX Plug-In, Module, Spare, MX, A2/A10, M320/T640/T320, M120	2	€ 24,79	€ 49,58
SFP-1GE-LH	GE SFP LH Plug-In, Module, Spare, M160, T320/T640	1	€ 203,18	€ 203,18
SFP-1G-T-C	GE SFP, 1000BASE-T Plug-In, Module, M10/M100, M160, M320, M40/M40e T320/T640	1	€ 36,80	€ 36,80
OSFP-4X10GE-LR	OSFP+ 4X10GBase LR ETHERNET MODULE	0	€ 675,08	€ -
QDD-400G-DR4	OSFP56-DD 400G DR4 pluggable transceiver and also 4x100G DR	3	€ 1.147,58	€ 3.442,75
QDD-2X100G-SR4	OSFP28-DD 2x100G SR4 pluggable transceiver	0	€ 671,73	€ -
			TOTALE	€ 5.236,51

Kit-List (Cablaggio)

Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)
128-6H460-10W	High-Flex Cat 6 Patch Cord CM/LSZH Color Green 10 ft (3.0M) Long	2	€ 4,49	€ 8,98
145-6H460-10G	High-Flex Cat 6 Patch Cord CM/LSZH Color White 10 ft (3.0M) Long	2	€ 4,49	€ 8,98
159-6H460-10R	High-Flex Cat 6 Patch Cord CM/LSZH Color Red 10 ft (3.0M) Long	2	€ 4,49	€ 8,98
VPC-S2D1LCC0030	Fiber Patch Cord OS2 Singlemode Yellow 3.0 mm DUP-2P, LC/LUPC-LC/LUPC, 3.0 Meters	21	€ 15,19	€ 276,94
VPC-M4D1LCC0030	Fiber Patch Cord OM4 Multimode Heather Violet 3.0 mm DUP-2P, LC/LUPC-LC/LUPC, 3.0 Meters	0	€ 15,13	€ -
U2LSM1-41C	HDX2 UNITY MTP CASSETTE, 24-FIBER OS2, LC SHUTTERED (BLUE) TO 3X8-FIBER MTR(MALE), CO	0	€ 543,68	€ -
SFUHD-6M8	HDX ADAPTER PLATE 6-F MTP (BLACK) KEYED UP TO KEYED UP	0	€ 72,45	€ -
HDX1F-144	UHDX 18RU Flat Panel 144	0	€ 134,67	€ -
MMCACCCM001	1U 19 PATCH LEAD ORGANISER 5 RINGS	0	€ 10,71	€ -
UP8AMM-80020-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 2.0 meters Euroclass Eca, Met	0	€ 158,11	€ -
FT-FG024K00300SC5CN-NNBS	Enterprise DC Low Loss Fiber Trunk 24-Fiber OM4 Multimode Heather Violet 3.0 metres Eurocla	0	€ 276,74	€ -
UP8AMM-80030-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 3.0 meters Euroclass Eca, Met	3	€ 158,97	€ 476,90
548AMM-80030-S	8-Fibre OM4 Multimode 3.0 meters Euroclass Eca Array Cable Array Cord, Method B, 8-Fibre Fen	0	€ 108,70	€ -
548AMM-80050-S	8-Fibre OM4 Multimode 5.0 meters HFRR-LS Euroclass Eca Array Cord, Method B, 8-Fibre Female	0	€ 115,01	€ -
UP8AMM-80050-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 5.0 meters Euroclass Eca, Met	0	€ 159,62	€ -
			TOTALE	€ 780,77

OTTICHE				
Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)
QSFP-100G-SR4-C	QSFP28 100GBase-SR4 Optics for up to 100m transmission over parallel MMF	4	€ 119,23	€ 476,92
QSFP-100G-LR4-C	QSFP28 100GBase-L4 Optics for up to 10km transmission over serial SMF	0	€ 540,03	€ -
SFP-10G-SR-C	SFP+ 10GE pluggable transceiver, MMF, 850nm for 300m transmission	0	€ 22,51	€ -
SFP-10G-LR-C	SFP+ 10GE pluggable transceiver, SMF, 1310nm for 10KM transmission	0	€ 31,33	€ -
SFP-10GE-ZR	SFP+ 10GE pluggable transceiver, SMF, 1550nm for 80KM transmission	0	€ 1.190,92	€ -
SFP-1G-LX-C	GE SFP LX Plug In, Module, Spare, MX, A2/A10, M320/T640/T320, M120	0	€ 24,79	€ -
SFP-1GE-LH	GE SFP LH Plug-in, Module, Spare, M160, T320/T640	0	€ 203,18	€ -
SFP-1G-T-C	GE SFP, 1000BASE-T Plug-in, Module, M10/M10i, M160, M320, M40/M40e T320/T640	0	€ 36,80	€ -
QSFP-4X10GE-LR	QSFP+ 4X10GBASE LR ETHERNET MODULE	2	€ 675,08	€ 1.350,15
QDD-400G-DR4	QSFP56-DD 400G DR4 pluggable transceiver and also 4x100G DR	0	€ 1.147,58	€ -
QDD-2X100G-SR4	QSFP28-DD 2x100G SR4 pluggable transceiver	0	€ 671,73	€ -
			TOTALE	€ 1.827,07

Kit-List (Cablaggio)

Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)
128-6H460-10W	High-Flex Cat 6 Patch Cord CM/LSZH Color Green 10 ft (3.0M) Long	0	€ 4,49	€ -
145-6H460-10G	High-Flex Cat 6 Patch Cord CM/LSZH Color White 10 ft (3.0M) Long	0	€ 4,49	€ -
159-6H460-10R	High-Flex Cat 6 Patch Cord CM/LSZH Color Red 10 ft (3.0M) Long	0	€ 4,49	€ -
VPC-S2D1LCLC0030	Fiber Patch Cord OS2 Singlemode Yellow 1.6 mm DUP-ZIP, LC/UPC-LC/UPC, 3.0 Meters	12	€ 13,19	€ 158,25
VPC-M4D1LCLC0030	Fiber Patch Cord OM4 Multimode Heather Violet 1.6 mm DUP-ZIP, LC/UPC-LC/UPC, 3.0 Meter	0	€ 16,13	€ -
U2LSM1-41C	HDX2 UNITY MTP CASSETTE, 24-FIBER OS2, LC SHUTTERED (BLUE) TO 3X8-FIBER MTP(MALE), C	2	€ 543,68	€ 1.087,36
5FUHD-6MB	HDX ADAPTER PLATE 6-F MTP (BLACK) KEYED UP TO KEYED UP	0	€ 72,45	€ -
HDX1F-144	UHDX 1RU Flat Panel 144	2	€ 134,67	€ 269,34
MMCACCCM001	1U 19 PATCH LEAD ORGANISER 5 RINGS	2	€ 10,71	€ 21,41
UP8AMM-B0020-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 2.0 meters Euroclass Eca, M	4	€ 158,11	€ 632,43
FT-FG024JK003005C05CN-NNBS	Enterprise DC Low Loss Fiber Trunk 24-Fiber OM4 Multimode Heather Violet 3.0 metres Euroc	0	€ 276,74	€ -
UP8AMM-B0030-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 3.0 meters Euroclass Eca, M	0	€ 158,97	€ -
548AMM-B0030-S	8-Fibre OM4 Multimode 3.0 meters Euroclass Eca Array Cable Array Cord, Method B, 8-Fibre F	6	€ 108,70	€ 652,18
548AMM-B0050-S	8-Fibre OM4 Multimode 5.0 meters HFFR-LS Euroclass Eca Array Cord, Method B, 8-Fibre Femi	0	€ 115,01	€ -
UP8AMM-B0050-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 5.0 meters Euroclass Eca, M	0	€ 159,62	€ -
			TOTALE	€ 2.820,97

Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (IVA esclusa)	TOTALE Part Number (IVA esclusa)	Costo Unitario Manutenzione Annuo (Euro, IVA esclusa)	Costo Totale Manutenzione Annuo (EURO, IVA esclusa)	Costo Totale Manutenzione per 5 Anni (EURO, IVA esclusa)
LEAF							
MX204-HW-BASE	MX204 Integrated SKU with Base HW + Standard Junos SW, Perpetual	1	€ 1.319,82	€ 1.319,82	€ 479,52	€ 479,52	€ 2.397,59
CBLE-EX-PWR-C13-EU	Power Cable, EU	2	€ -	€ 4,56	€ -	€ -	€ -
JPSU-650W-AC-AD-BB	JNP204 AC power supply air flow out Base	2	€ -	€ -	€ -	€ -	€ -
JUNOS-64-BB	Junos 64-Bit Standard Base Bundle	1	€ -	€ -	€ -	€ -	€ -
JNP204-CHAS-BB	JNP204 Universal Chassis Base	1	€ -	€ -	€ -	€ -	€ -
JNP-FAN-1RU-BB	Universal Fan, 1RU, Base	3	€ -	€ -	€ -	€ -	€ -
S-MX-4C-P1-C1-P	SW, MX, 4x10GGE ports, Pre1, Class 1, w/out SW Support, Perpetual	1	€ 8.520,10	€ 8.520,10	€ 847,97	€ 847,97	€ 4.239,83
TOTALE			€	9.844,48	€	1.327,48	€ 6.637,42

OTTICHE

Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)
QSFP-100G-SR4-C	QSFP28 100GBase-SR4 Optics for up to 100m transmission over parallel MMF	2	€ 119,23	€ 238,46
QSFP-100G-LR4-C	QSFP28 100GBase-L4 Optics for up to 10km transmission over serial SMF	0	€ 540,03	€ -
SFP-10G-SR-C	SFP+ 10GE pluggable transceiver, MMF, 850nm for 300m transmission	0	€ 22,51	€ -
SFP-10G-LR-C	SFP+ 10GE pluggable transceiver, SMF, 1310nm for 10KM transmission	0	€ 31,33	€ -
SFP-10GE-ZR	SFP+ 10GE pluggable transceiver, SMF, 1550nm for 80KM transmission	0	€ 1.190,92	€ -
SFP-1G-LK-C	GE SFP LH Plug-In, Module, Spare, M1K, A2JAS0, M120/T640/T320, M120	3	€ 24,79	€ 74,37
SFP-1GE-LH	GE SFP LH Plug-In, Module, Spare, M160, T320/T640	0	€ 203,18	€ -
SFP-1G-T-C	GE SFP, 1000BASE-T Plug-In, Module, M10/M10L, M160, M320, M40/M40e T320/T640	1	€ 36,80	€ 36,80
QSFP-4X10GE-LR	QSFP+ 4X10GBASE LR ETHERNET MODULE	1	€ 675,08	€ 675,08
QDD-400G-DR4	QSFP56-DD 400G DR4 pluggable transceiver and also 4x100G DR	0	€ 1.147,58	€ -
QDD-2X100G-SR4	QSFP28-DD 2x100G SR4 pluggable transceiver	0	€ 671,73	€ -
TOTALE			€	1.024,70

Kit-List (Cablaggio)

Product Part Number	Descrizione	Quantità	Costo Unitario Part Number (Euro, IVA esclusa)	Costo TOTALE Part Number (Euro, IVA esclusa)
128-6H460-10W	High-Flex Cat 6 Patch Cord CM/LSZH Color Green 10 ft (3.0M) Long	2	€ 4,49	€ 8,98
145-6H460-10G	High-Flex Cat 6 Patch Cord CM/LSZH Color White 10 ft (3.0M) Long	1	€ 4,49	€ 4,49
159-6H460-10R	High-Flex Cat 6 Patch Cord CM/LSZH Color Red 10 ft (3.0M) Long	1	€ 4,49	€ 4,49
VPC-S2D1LCLC0030	Fiber Patch Cord OS2 Singlemode Yellow 1.6 mm DUP-ZIP, LC/LUP-LC/UPLC, 3.0 Meters	11	€ 13,19	€ 145,06
VPC-M4D1LCLC0030	Fiber Patch Cord OM4 Multimode Heather Violet 1.6 mm DUP-ZIP, LC/LUP-LC/UPLC, 3.0 Meters	0	€ 16,13	€ -
U2LSM1-41C	HDX2 UNITY MTP CASSETTE, 24-FIBER OS2, LC SHUTTERED (BLUE) TO 3X8-FIBER MTP(MALE), CON	1	€ 543,68	€ 543,68
SFUHD-6MB	HDX ADAPTER PLATE 6-F MTP (BLACK) KEYED UP TO KEYED UP	0	€ 72,45	€ -
HDX3F-144	UHDX 1RU File Panel 144	1	€ 134,67	€ 134,67
MN4CACC0001	IU 19 PATCH LEAD ORGANISER 5 RINGS	1	€ 10,71	€ 10,71
UP8AMM-80030-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 2.0 meters Euroclass Eca, Meth	2	€ 158,11	€ 316,22
FT-FG024K100300SC0CN-NNBS	Enterprise DC Low Loss Fiber Trunk 24-Fiber OM4 Multimode Heather Violet 3.0 meters Euroclass	0	€ 276,74	€ -
UP8AMM-80030-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 3.0 meters Euroclass Eca, Meth	0	€ 158,97	€ -
548AMM-80030-S	8-Fibre OM4 Multimode 3.0 meters Euroclass Eca Array Cable Array Cord, Method B, 8-Fibre Fema	3	€ 108,70	€ 326,09
548AMM-80050-S	8-Fibre OM4 Multimode 5.0 meters HFR-LS Euroclass Eca Array Cord, Method B, 8-Fibre Female A	0	€ 115,01	€ -
UP8AMM-80050-S	Enterprise DC Low Loss Array Cord 8-Fiber OS2 Singlemode Yellow 5.0 meters Euroclass Eca, Meth	0	€ 159,62	€ -
TOTALE			€	1.494,38