

**PRODUCT**

Manufacturer / Brand	Product Description	Manufacturer's Part Number	MSRP	DIR Customer Discount % off MSRP	DIR Customer Price *
Chatsworth	Cable Runway Wall to Rack Kit; 12"W x 54"L; Black	11911-712	\$ 146.87	15.00%	\$ 125.78
Chatsworth	Cable Runway Wall to Rack Kit; 18"W x 54"L; Black	11911-713	\$ 160.00	15.00%	\$ 137.02
Chatsworth	84" 2- Post Rack w/ Frame Mounting Kit	55053-703	\$ 186.52	15.00%	\$ 159.73
Chatsworth	84" 4- Post Rack w/ Frame Mounting Kit	50120-703	\$ 934.61	15.00%	\$ 800.38
Panduit	Horizontal Cable Manager Front And Rear 2 RU	NCMH2	\$ 96.19	15.00%	\$ 82.37
Panduit	Horizontal Cable Manager Front And Rear 1 RU	WMPSE	\$ 65.69	15.00%	\$ 56.26
Panduit	6" PatchRunner Enhanced Vertical Manager	PEV6	\$ 630.06	15.00%	\$ 539.57
Panduit	45RU dual hinged 6" door used with PatchRunner	PRD6	\$ 285.95	15.00%	\$ 244.88
Panduit	Front and rear vertical manager, 45 Rack Spaces,	WMPV45E	\$ 293.75	15.00%	\$ 251.56
Panduit	NetRunner Vertical Cable Manager, Front only,	WMPVF45E	\$ 193.52	15.00%	\$ 165.73
Panduit	24-Port Patch Panel Supplied With Six Factory	CPP24WBLY	\$ 37.31	15.00%	\$ 31.95
Panduit	48-Port Patch Panel Supplied With Twelve Factory	CPP48WBLY	\$ 68.89	15.00%	\$ 59.00
Panduit	FAP with 6 LC Duplex OS1/OS2 Single-mode	FAP6WBUDLCZ	\$ 126.09	15.00%	\$ 107.98
Panduit	FAP with 6 LC Duplex 10 Gig OM3/OM4	FAP6WAQDLC	\$ 97.49	15.00%	\$ 83.49
Panduit	FAP with 6 ST Simplex mm Adapters Phos	FAP6WST	\$ 48.09	15.00%	\$ 41.18
Panduit	FAP with 6 ST Simplex Signlemode Adapters	FAP6WSTZ	\$ 50.67	15.00%	\$ 43.39
Panduit	Blank FAP Panel	FAPB	\$ 5.86	15.00%	\$ 5.02
Corning	Closet Connector Housing (CCH), 1 rack unit, holds	CCH-01U	\$ 273.70	15.00%	\$ 234.39
Panduit	72 Port- 18/36-F RACK-MT ENCLOSURE 19" 1U	FRME1U	\$ 259.92	15.00%	\$ 222.59
Panduit	Copper Patch Cord, STP, Category 5e, Black Boots,	UTPCH3Y	\$ 4.85	15.00%	\$ 4.15
Panduit	Copper Patch Cord, Category 6, Off White UTP	UTPSP3Y	\$ 9.83	15.00%	\$ 8.42
Panduit	Copper Patch Cord, STP, Category 5e, Black Boots,	UTPCH5Y	\$ 5.41	15.00%	\$ 4.63
Panduit	Copper Patch Cord, Category 6, Blue UTP Cable, 5	UTPSP5BUY	\$ 10.70	15.00%	\$ 9.16
Panduit	Copper Patch Cord, STP, Category 5e, Black Boots,	UTPCH7Y	\$ 6.14	15.00%	\$ 5.26
Panduit	Copper Patch Cord, Category 6, Blue UTP Cable, 7	UTPSP7BUY	\$ 11.44	15.00%	\$ 9.80
Panduit	Copper Patch Cord, STP, Category 5e, Black Boots,	UTPCH10Y	\$ 7.01	15.00%	\$ 6.00
Panduit	Copper Patch Cord, Category 6, Blue UTP Cable,	UTPSP10BUY	\$ 12.78	15.00%	\$ 10.94
Belden	FiberExpress Patch Cord, OM1, LC Duplex to ST,	FP1LDST003M	\$ 29.89	15.00%	\$ 25.60
Belden	FiberExpress Patch Cord, OS2, LC Duplex to ST, 3m	FPSLDST003M	\$ 39.14	15.00%	\$ 33.52
Belden	FiberExpress Patch Cord, OM3, LC Duplex to ST,	FP3LDST003M	\$ 29.89	15.00%	\$ 25.60
Panduit	Faceplate, 1 Port, Single Gang, Executive, White	CFPE1WHY	\$ 3.08	15.00%	\$ 2.64
Panduit	Faceplate, 2 Port, Single Gang, Executive, Off	CFPE2IWY	\$ 3.08	15.00%	\$ 2.64
Panduit	Faceplate, 4 Port, Executive, Sloped, White	CFPSE4WHY	\$ 4.85	15.00%	\$ 4.15
Panduit	Faceplate, 6 Port, Single Gang, Executive, White	CFPE6WHY	\$ 3.08	15.00%	\$ 2.64
Panduit	Blank Module, 1 Port, White, Pack of 10	CMBWH-X	\$ 0.36	15.00%	\$ 0.31
Erico	Low Voltage Mounting Plate with Screws, single-gang, eliminator	MPLS	\$ 2.26	15.00%	\$ 1.94
Panduit	Mini-Com Module, Category 5e, UTP, 8-Position	CJ5E88TGBU	\$ 8.10	15.00%	\$ 6.94
Panduit	Mini-Com Module, Category 6, UTP, 8-Position	CJ688TGBU	\$ 11.79	15.00%	\$ 10.10
Panduit	ST Opticam 62.5/125 micron Multimode Simplex	FSTM6EI	\$ 19.45	15.00%	\$ 16.66
Panduit	ST OptiCam 9 micron Single-mode Simplex	FSTSCBU	\$ 21.48	15.00%	\$ 18.39
Panduit	ST Opticam 50 micron MM Simplex Connector	FSTM5BL	\$ 19.45	15.00%	\$ 16.66
Panduit	SC Opticam 62.5/125 micron Multimode Simplex	FSCM6EI	\$ 19.45	15.00%	\$ 16.66
Panduit	SC OptiCam 9 micron Single-mode Simplex	FSCSCBU	\$ 21.48	15.00%	\$ 18.39
Panduit	SC OptiCam 10 GbE 50 micron MM OM3/OM4	FSCMCXAQ	\$ 21.50	15.00%	\$ 18.41
Panduit	LC Simplex Single-mode Fiber Optic Connector	FLCSSBUY	\$ 15.03	15.00%	\$ 12.87
Panduit	LC 50µm mm Simplex Connector Black Boot, RoHS	FLCSCM5BLY	\$ 20.67	15.00%	\$ 17.70
Panduit	LC OptiCam 62.5µm mm Simplex Connector Black	FLCSCM6BLY	\$ 20.67	15.00%	\$ 17.70
Panduit	LC OptiCam 9µm Single-mode Simplex Connector	FLCSCSBUY	\$ 21.48	15.00%	\$ 18.39
Panduit	LC To Pigtail Buffer MM 10 GbE 50µ 1m	FXB10-NM1Y	\$ 23.79	15.00%	\$ 20.37
Panduit	LC-Pigtail Fiber Patch Cord Single-mode 9µm	F9B10-NM1Y	\$ 34.23	15.00%	\$ 29.31
Panduit	LC to Pigtail, OM4 STD, Simplex Pigtails, 900µm	FZB10-NM1	\$ 24.97	15.00%	\$ 21.38
Panduit	LC-Pigtail Fiber Patch Cords mm 50µm Simplex	F5B10-NM1Y	\$ 19.37	15.00%	\$ 16.59

6. Cabling Products

Cabling Product Description (list additional products)					
Tellabs Access	Shelf, 1134AC	81.11K-1134ACSH-R5	\$ 7,916.25	10.00%	\$ 7178.06
Tellabs Access	1134 Fan Assembly, OFA1	4115094	\$ 1,055.00	10.00%	\$ 956.62
Tellabs Access	Bracket, 1134 (for 19" flush mount)	4125058	\$ 95.00	10.00%	\$ 86.14
Tellabs Access	ESU30 Ethernet Switch Unit - 1134 system - (6 X	4115090	\$ 12,903.75	10.00%	\$ 11700.48
Tellabs Access	PWR CORD 14AWF C13 to 3 PRONG 1.8M	81.11W-PC-C13-B-R6	\$ 27.50	10.00%	\$ 24.94
Tellabs Access	PWR, 1134AC, AC-DC, 48-53.5V, 2KW	81.11P-1134ACPW-R6	\$ 1,878.75	10.00%	\$ 1703.56
3M	PLATE, 8 PORT, W/SC SM ANGLE POLISH	8408BK-CSA	\$ 64.30	10.00%	\$ 58.30
3M	FIBER WALL MT UNIT, TWO TRIPLE-WIDE/6 SLOTS	8437BK-2HDM	\$ 506.11	10.00%	\$ 458.92
3M	PLATE 6 PORT SC SM ANGLE POLISH ADAPTERS,	8406BK-CSA	\$ 46.44	10.00%	\$ 42.11
3M	2 SLOT 1/1X16 SPLTRR MODULE SCA, BLACK	8442BK-116	\$ 803.81	10.00%	\$ 728.85
3M	3 SLOT 1/1X32 SPLTRR MODULE SCA, BLACK	8443BK-132	\$ 1,339.69	10.00%	\$ 1214.76
3M	3 SLOT 1/1X32 SPLTRR MODULE SCA, BLACK	8443BK-132	\$ 1,339.69	10.00%	\$ 1214.76
3M	SM PATCH SCA/SCA A2 SMPLX OFNP 2.0JKT IVY	AEPEP-CXIV030	\$ 58.25	10.00%	\$ 52.82
3M	SM PATCH SCA/SCA A2 SMPLX OFNP 2.0JKT IVY	AEPEP-CXIV060	\$ 107.85	10.00%	\$ 97.79
3M	SM PATCH SCU/SCA A2 SMPLX OFNR 1.6JKT YEL	ADAEP-ARYL001	\$ 12.29	10.00%	\$ 11.14
3M	SM PATCH SCA/SCA A2 SMPLX OFNR 1.6JKT YEL	AEPEP-ARYL001	\$ 12.40	10.00%	\$ 11.24
3M	COPPER PATCH CAT6 RJ45 CM 24AWG STRANDED	C06UC-BL003	\$ 12.15	10.00%	\$ 11.02
DASAN	MXK Chassis - MXK 1U, 4-PORT GPON, 8 FE/GE,	MXK-194	\$ 6,937.50	15.00%	\$ 5941.10
DASAN	RAPTOR/MALC XP AC POWER SUPPLY, 90-264	XP-AC-SUPPLY	\$ 122.00	15.00%	\$ 104.48
DASAN	GPON SFP B+ OPTICS, SUPPORTS DIGITAL RSSI;	MXK-GPON-SFP-B+-RSSI	\$ 725.00	15.00%	\$ 620.87
DASAN	GPON ONT, INDOOR, DESKTOP, 4 GE W/POE, 80W	ZNID-GPON-2804D-NA	\$ 317.50	15.00%	\$ 271.90
DASAN	GPON ONT, INDOOR, WALLPLATE, 4 GE W/POE,	ZNID-GPON-2804P-WAC	\$ 266.25	15.00%	\$ 228.01
DASAN	DOCK FOR LI-ION BBU AND ZNID-26XX ONT	ZNID-ENCL-26XX-DOCK	\$ 12.25	15.00%	\$ 10.49
DASAN	CRADLE FOR LI-ION BBU AND ZNID-26XX ONT	ZNID-ENCL-26XX-CRADLE	\$ 15.25	15.00%	\$ 13.06
DASAN	FIBER TRAY ATTACHES TO ZNID-24XX SERIES FOR	ZNID-24XX-FIBERTRAY	\$ 8.00	15.00%	\$ 6.85
DASAN	ZMS VRTL APPLIANCE 5000 LICENSE	ZMS-VA-5000	\$ 1,601.25	15.00%	\$ 1371.27
Aruba	Aruba AP-228 Indoor Hardened Access Point- 802.11ac, 3x3:3, dual radio, 6 x RPSMA connectors	AP-228	\$ 1,681.25	10.00%	\$ 1524.47
Nokia	FX-16 DRIP TRAY	3FE68295AA	\$ 490.38	20.00%	\$ 395.25
Nokia	KIT-FX-4 ANSI VERT	3FE67299BA	\$ 1,132.38	20.00%	\$ 912.70
Nokia	KIT-FX-8 ANSI VERT	3FE67300BA	\$ 1,132.38	20.00%	\$ 912.70
Nokia	FX-16 BAFFLE KIT	3FE68285AA	\$ 468.00	20.00%	\$ 377.21
Nokia	RACK EQUIPMENT 584.2mm(23In)W/Spcl Gnd	1AD014120044	\$ 1,414.10	20.00%	\$ 1139.76
Nokia	KIT-FX-8 ANSI HORIZ	3FE67300AA	\$ 361.91	20.00%	\$ 291.70
Nokia	KIT-FX-4 ANSI HORIZ	3FE67299AA	\$ 349.52	20.00%	\$ 281.71
Nokia	NGFC-G FX-4 GFC ANSI	3FE65676AA	\$ 959.88	20.00%	\$ 773.66
Nokia	NGFC-H FX-8 GFC ANSI	3FE65675AA	\$ 1,821.02	20.00%	\$ 1467.74
Nokia	FX Dust filter for 4-slot shelf	3FE64928EA	\$ 98.50	20.00%	\$ 79.39
Nokia	FX Dust filter for 8-slot shelf	3FE64928DA	\$ 122.00	20.00%	\$ 98.33
Nokia	FX Dust filter for 16-slot shelf	3FE67952AA	\$ 100.00	20.00%	\$ 80.60
Nokia	4GB Compact Flash Card (Empty)	1AB147830065	\$ 257.30	20.00%	\$ 207.38
Nokia	BFAN-X FX Intell. Fan excl. filter, FX-4	3FE66544AA	\$ 470.00	20.00%	\$ 378.82
Nokia	BFAN-E FX Intell. Fan excl. filter, FX-8	3FE66545AA	\$ 800.00	20.00%	\$ 644.80
Nokia	BFAN-H FX Intell Fan incl filter, FX-16	3FE66546AA	\$ 1,180.00	20.00%	\$ 951.08
Nokia	7360 FX-16 Fiber Routing Kit	3FE61087FA	\$ 70.00	20.00%	\$ 56.42
Nokia	Wall mount bracket for G-010G-A	3FE56393AC	\$ 15.50	20.00%	\$ 12.49
Nokia	I-24XG-B Outdoor Enclosure	3FE54221AH	\$ 90.00	20.00%	\$ 72.54
Nokia	CABLE ASSY ROUND 2.38m IEC320 C5 3 NEMA	1AB383340010	\$ 8.00	20.00%	\$ 6.45
Nokia	8ft Molex DC Pwr Cable for Delta UPS	3EM24378AA	\$ 18.00	20.00%	\$ 14.51
Nokia	Batteries (Installation) 7.8Ah 12V UPS B	1AF17581ACAA	\$ 60.00	20.00%	\$ 48.36
Nokia	Batteries (Installation) 16.8Ah 12V UPS	1AF17581ABAA	\$ 214.90	20.00%	\$ 173.21
Nokia	DUPS-1232A non-grnd UPS	3EM23134AB	\$ 76.00	20.00%	\$ 61.26
Nokia	UPS - CSN27U12V	3MV00433AA	\$ 76.00	20.00%	\$ 61.26
Nokia	UPS CSN27U12V3-G	3MV00500AA	\$ 76.00	20.00%	\$ 61.26
Nokia	CSN27 Floating Grnd UPS	3MV00535AA	\$ 76.00	20.00%	\$ 61.26
Nokia	DMDU-4850R UPS	3EM23372AA	\$ 160.00	20.00%	\$ 128.96
Nokia	DC Power Plant 48V 0A FFTx UPS With Bat	1AF30360AAAA	\$ 176.40	20.00%	\$ 142.18
Nokia	CABLE ASSY ROUND 2.5m-IEC320 C13x3-NEMA	1AB076760073	\$ 14.00	20.00%	\$ 11.28
Nokia	POWER SUPPLY STANDARD AC/DC UNIV ACIN	1AF01226ASAB	\$ 30.00	20.00%	\$ 24.18
Nokia	25ft Molex DC Pwr Cable for Delta UPS	3EM24378AB	\$ 19.44	20.00%	\$ 15.67
Nokia	Outdoor ONT to UPS Cable 7.5m	3EM18276AD	\$ 30.66	20.00%	\$ 24.71
Nokia	USB Craft Cable for SX-12VP	3FE73081AA	\$ 64.82	20.00%	\$ 52.24
Nokia	7362/7367 AC Power Cable, metal shld(3m)	3FE72088AA	\$ 133.95	20.00%	\$ 107.96
Nokia	AC Power Cable (ANSI plug) (3m)	3FE73522AA	\$ 60.00	20.00%	\$ 48.36
Nokia	GPON Cable CA-SX-16F GPON 2m	3FE72086AB	\$ 297.00	20.00%	\$ 239.38
Nokia	CA-SX-16F Alarms	3FE72090AA	\$ 267.30	20.00%	\$ 215.44

6. Cabling Products

Nokia	VSRM-A Ethernet 10ft 2 x SMF LC/PC OSP	3FE69366AA	\$ 280.82	20.00%	\$ 226.34
Nokia	GPON Cable 10ft 1 x SMF SC/APC OSP	3FE69367AA	\$ 170.12	20.00%	\$ 137.12
Nokia	CA-SX-16F Ethernet 3m	3FE72085AA	\$ 540.02	20.00%	\$ 435.26
Nokia	VSRM-A SOOW Pwr 10ft AC/DC Pwr 3x14AWG	3FE69368AA	\$ 270.02	20.00%	\$ 217.64
Nokia	CA-SX-16F Ntwk Pwr 60cm	3FE72089AB	\$ 164.72	20.00%	\$ 132.76
Nokia	VSRM-A Alarms 10ft 6-Pair OSP w/ Heyco	3FE69371AA	\$ 135.02	20.00%	\$ 108.83
Nokia	7362/7367 AC Power Cable (3m)	3FE72087AA	\$ 244.50	20.00%	\$ 197.07
Nokia	Service fiber cables,8xLC.SA(100ft/30m)	3FE74482JA	\$ 729.47	20.00%	\$ 587.95
Nokia	Service Cable 8xLC+8xLC, RA (100ft/30m)	3FE74483JA	\$ 733.03	20.00%	\$ 590.82
Nokia	DC Power Cable (3m)	3FE72993DA	\$ 89.00	20.00%	\$ 71.73
Nokia	Service Cable 4xSC+8xLC, RA (100ft/30m)	3FE74481JA	\$ 610.61	20.00%	\$ 492.15
Nokia	Service Cable 4xSC+8xLC, SA (100ft/30m)	3FE74318JA	\$ 607.03	20.00%	\$ 489.27
Nokia	100G BASE-SR4 CFP4 C-temp 850nm MMF 100m	3FE71994AA	\$ 4,290.00	20.00%	\$ 3457.74
Nokia	100G BASE-LR4 CFP4 C-temp SMF 10km	3FE71782AA	\$ 8,190.00	20.00%	\$ 6601.14
Nokia	XGS DR XFP N2 (C-temp) and PerPort RTU	3HG01418AA	\$ 1,058.00	20.00%	\$ 852.75
Nokia	7362 DF-16GW 10GE Uplink Per Port RTU	3MV00740AAAA	\$ 430.00	20.00%	\$ 346.58
Nokia	7362 10GE Uplink Per Port RTU	3MV00741AAAA	\$ 585.00	20.00%	\$ 471.51
Nokia	7362DF-16GW AC Powered w/1XGS Optic, RTU	3HG01337AA	\$ 13,800.00	20.00%	\$ 11122.80
Nokia	7362DF-16GW DC Powered w/1XGS Optic, RTU	3HG01338AA	\$ 13,800.00	20.00%	\$ 11122.80
Nokia	7362DF-16GW AC Powered w/4(GPON,Opt,RTU)	3HG01345AA	\$ 13,800.00	20.00%	\$ 11122.80
Nokia	7362DF-16GW DC Powered w/4(GPON,Opt,RTU)	3HG01346AA	\$ 13,800.00	20.00%	\$ 11122.80
Nokia	10GE 80km Uplink Optic and RTU Bundle	3HG01420AA	\$ 7,980.00	20.00%	\$ 6431.88
Nokia	XGS DR XFP N1 (C-temp) and PerPort RTU	3HG01341AA	\$ 1,176.00	20.00%	\$ 947.86
Nokia	10GE 40km Uplink Optic and RTU Bundle	3HG01419AA	\$ 5,836.00	20.00%	\$ 4703.82
Nokia	10GE Uplink Optic and PerPort RTU Bundle	3HG01340AA	\$ 867.00	20.00%	\$ 698.80
Nokia	1-Dual GPON XFPOLT(I-TEMP)2-PERPORT RTU	3HG01344AA	\$ 656.00	20.00%	\$ 528.74
Nokia	Red FX-4 Starter Kit FANT-G NoOptics H	3HG01527HM	\$ 14,500.00	20.00%	\$ 11687.00
Nokia	Red FX-4 Starter Kit FANT-G NoOptics V	3HG01527VM	\$ 14,500.00	20.00%	\$ 11687.00
Nokia	Simp FX-4 Str Kit FANT-F wFGLT-B	3HG01243AA	\$ 27,000.00	20.00%	\$ 21762.00
Nokia	Red FX-4 Str Kit 2FANT-G wFGLT-B NoOp H	3HG01376AD	\$ 30,500.00	20.00%	\$ 24583.00
Nokia	Red FX-4 Str Kit 2FANT-G wFGLT-B NoOp V	3HG01376AE	\$ 30,500.00	20.00%	\$ 24583.00
Nokia	Red FX-4 STR Kit 2FANT- G w8P XGS NoOp V	3HG01397AD	\$ 30,500.00	20.00%	\$ 24583.00
Nokia	Red FX-4 STR Kit 2FANT- G w8P XGS NoOp H	3HG01397AE	\$ 30,500.00	20.00%	\$ 24583.00
Nokia	Simp FX-4 Str Kit FANT-G wFGLT-B NoOp H	3HG01533HM	\$ 26,000.00	20.00%	\$ 20956.00
Nokia	Simp FX-4 Str Kit FANT-G wFGLT-B NoOp V	3HG01533VM	\$ 26,000.00	20.00%	\$ 20956.00
Nokia	Redundant FX-4 Starter Kit w/ 16-PON LT	3HG01246AA	\$ 32,000.00	20.00%	\$ 25792.00
Nokia	Redun FX-16/FANT-F Starter Kit 16-PON LT	3HG01263AA	\$ 40,000.00	20.00%	\$ 32240.00
Nokia	Redundant FX-4 Starter Kit w/ 16-PON LTV	3HG01376AA	\$ 32,000.00	20.00%	\$ 25792.00
Nokia	Redundant FX-4 Starter Kit w/ 16-PON LTH	3HG01376AC	\$ 32,000.00	20.00%	\$ 25792.00
Nokia	Redun FX-16/FANT-G Starter Kit 16-PON LT	3HG01393AA	\$ 40,000.00	20.00%	\$ 32240.00
Nokia	Redundant FX-4 Starter Kit w/ 8-XGS LTV	3HG01397AA	\$ 32,000.00	20.00%	\$ 25792.00
Nokia	Redundant FX-4 Starter Kit w/ 8-XGS LTH	3HG01397AC	\$ 32,000.00	20.00%	\$ 25792.00
Nokia	Redun FX-16/FANT-G Starter Kit 8-XGS LT	3HG01398AA	\$ 40,000.00	20.00%	\$ 32240.00
Nokia	Red FX-8 Str Kit 2FANT-G wFGLT-B NoOp H	3HG01392AD	\$ 34,500.00	20.00%	\$ 27807.00
Nokia	Red FX-8 Str Kit 2FANT-G wFGLT-B NoOp V	3HG01392AE	\$ 34,500.00	20.00%	\$ 27807.00
Nokia	Red FX-8 STR Kit FANT- G w8P XGS NoOp H	3HG01512HA	\$ 34,500.00	20.00%	\$ 27807.00
Nokia	Red FX-8 STR Kit FANT- G w8P XGS NoOp V	3HG01512VA	\$ 34,500.00	20.00%	\$ 27807.00
Nokia	Red FX-8 Starter Kit FANT-G NoOptics H	3HG01528HM	\$ 18,500.00	20.00%	\$ 14911.00
Nokia	Red FX-8 Starter Kit FANT-G NoOptics V	3HG01528VM	\$ 18,500.00	20.00%	\$ 14911.00
Nokia	Redund FX-8/FANT-F Starter Kit 16-PON LT	3HG01262AA	\$ 36,000.00	20.00%	\$ 29016.00
Nokia	Redundant FX-8 Starter Kit w/ 8-XGS LT	3HG01358AB	\$ 36,000.00	20.00%	\$ 29016.00
Nokia	Redund FX-8/FANT-G Starter Kit 16-PON LT	3HG01392AA	\$ 36,000.00	20.00%	\$ 29016.00
Nokia	Red FX16 Str Kit FANTG wFGLT-B NoOp V	3HG01393AC	\$ 38,500.00	20.00%	\$ 31031.00
Nokia	Red FX-16 STR Kit FANT- G w8P XGS NoOp V	3HG01513AA	\$ 38,500.00	20.00%	\$ 31031.00
Nokia	7362 SF-8GW AC w/ 1-Dual GPON Opt/2 RTUs	3HG01378AA	\$ 13,800.00	20.00%	\$ 11122.80
Nokia	7362 SF-8GW Coax w/1-Dual GPON Opt/2 RTU	3HG01378AC	\$ 13,800.00	20.00%	\$ 11122.80
Nokia	7362 SF-8GW AC w/ 1-Dual XGS Opt/2 RTUs	3HG01379AA	\$ 13,800.00	20.00%	\$ 11122.80
Nokia	7362 SF-8GW Coax w/1-XGS-PON Opt/1 RTU	3HG01379AC	\$ 13,800.00	20.00%	\$ 11122.80
Nokia	100/1000Base-BX20-D DR C-SFP	3FE69491AA	\$ 512.68	20.00%	\$ 413.22
Nokia	1000Base-BX10-D C-SFP	3FE65106AA	\$ 250.00	20.00%	\$ 201.50
Nokia	A5520 AMS 5529 Apps St Syst RTU per Sub	3AP38517CAAA	\$ 10.80	20.00%	\$ 8.70
Nokia	5520/5529 AMS Starter Kit Bundle	3AP38518AAAA	\$ 20,000.00	20.00%	\$ 16120.00
Nokia	A5520 AMS - RTU Operator Position	3FE31060AA	\$ 18,900.00	20.00%	\$ 15233.40
Nokia	A5520 AMS - RTU External TL1 GW	3FE31180AA	\$ 37,800.00	20.00%	\$ 30466.80
Nokia	5571 PCC RTU One time Upgrade Enterprise	3FE31189EA	\$ 31,900.00	20.00%	\$ 25711.40
Nokia	5571 PCC-RTU Base SW NAR	3MV00656AAAA	\$ 31,900.00	20.00%	\$ 25711.40
Nokia	FPXT-B 8p 10G EPON LT	3FE68788AB	\$ 23,000.00	20.00%	\$ 18538.00
Nokia	FGLT-B 16p GPON LT	3FE68954AB	\$ 19,000.00	20.00%	\$ 15314.00
Nokia	FWLT-B 8port U-NGPON LT (2x40G BP)	3FE72955AA	\$ 19,000.00	20.00%	\$ 15314.00

6. Cabling Products

Nokia	NPOT-C 48-Port Voice LT	3FE65455BA	\$ 2,400.00	20.00%	\$ 1934.40
Nokia	NELT-B 36-Port P2P Ethernet LT	3FE62543AA	\$ 2,500.00	20.00%	\$ 2015.00
Nokia	CFXR-A 7362 DF-16GW with AC power	3FE45632AA	\$ 13,800.00	20.00%	\$ 11122.80
Nokia	CFXR-A 7362 DF-16GW with DC power	3FE45632BA	\$ 13,800.00	20.00%	\$ 11122.80
Nokia	7362 ISAM SF-8GW AC power w Coax Cable	3FE73517AA	\$ 13,800.00	20.00%	\$ 11122.80
Nokia	7362 ISAM SF-8GW AC power w SOOW Cable	3FE73517BA	\$ 13,800.00	20.00%	\$ 11122.80
Nokia	7360 L3 PER PORT FEE - Layer 3 RTU	3MV00468AAAA	\$ 4,000.00	20.00%	\$ 3224.00
Nokia	SX-16F INDOOR DROP CABLE 3M	3FE73371AA	\$ 666.91	20.00%	\$ 537.53
Nokia	VSRM-A VDSL 710 10ft 50-pair Cable	3FE69365AA	\$ 907.22	20.00%	\$ 731.22
Nokia	VSRM-A VDSL MS2 10ft 50-Pair Cable	3FE69364AA	\$ 926.12	20.00%	\$ 746.45
Nokia	SX-48V VDSL CABLE 50FT, UNTERM	3FE73309AA	\$ 5,413.60	20.00%	\$ 4363.36
Nokia	FNIO-A FX NTIO card 8-port 10G	3FE65586BA	\$ 11,600.00	20.00%	\$ 9349.60
Nokia	FANT-G 7360 FX 1280Gbps NT w/ clock ANSI	3FE71256BA	\$ 18,000.00	20.00%	\$ 14508.00
Nokia	FANT-F 7360 FX 480Gbps NT w/ clock ANSI	3FE53701BD	\$ 17,000.00	20.00%	\$ 13702.00
Nokia	NDPS-B Vect Proc Card (384 lines)	3FE67437AA	\$ 14,133.00	20.00%	\$ 11391.20
Nokia	Dual GPON XFP OLT (I-temp) Class B+	3FE56402AC	\$ 820.00	20.00%	\$ 660.92
Nokia	Dual GPON XFP OLT (I-temp) Class C+	3FE56402BC	\$ 1,250.00	20.00%	\$ 1007.50
Nokia	Dual GPON XFP OLT (C-temp) Class C+	3FE56402BA	\$ 875.00	20.00%	\$ 705.25
Nokia	F-010G-B G.fast/Vplus/VDSL2 CPE(US plug)	3FE45667AA	\$ 335.02	20.00%	\$ 270.03
Nokia	G-881G-B 8P,8GE,RF,Indoor	3FE56074AB	\$ 1,100.00	20.00%	\$ 886.60
Nokia	G-881G-A 8P,8GE,RF,Outdoor	3FE56074AA	\$ 1,300.00	20.00%	\$ 1047.80
Nokia	C-040P-P	3FE47274AA	\$ 591.66	20.00%	\$ 476.88
Nokia	C-040P-Q	3FE47275AA	\$ 285.63	20.00%	\$ 230.22
Nokia	O-E010S-P DPoE SFP ONU Indoor	3FE65373DA	\$ 600.00	20.00%	\$ 483.60
Nokia	KIT-E-240G-B	3FE46260AA	\$ 238.00	20.00%	\$ 191.83
Nokia	G-040P-Q Indoor Installation Bracket	3FE48105AA	\$ 60.00	20.00%	\$ 48.36
Nokia	Outdoor enclosure for XS-250X-A	3FE47391BA	\$ 214.00	20.00%	\$ 172.48
Nokia	F-010G-C (US plug)	3FE46007AA	\$ 322.40	20.00%	\$ 259.85
Nokia	G-010G-A (US plug)	3FE56089AA	\$ 170.00	20.00%	\$ 137.02
Nokia	G-010P-A ONT Only	3FE46431AA	\$ 258.00	20.00%	\$ 207.95
Nokia	G-010S-A ONT	3FE46541AA	\$ 180.00	20.00%	\$ 145.08
Nokia	G-010S-B	3FE46955AA	\$ 200.00	20.00%	\$ 161.20
Nokia	G-040P-Q PoE ONT Kit (US Plug)	3FE56863AC	\$ 430.00	20.00%	\$ 346.58
Nokia	G-240G-A ONT Only	3FE55691AA	\$ 238.00	20.00%	\$ 191.83
Nokia	G-240G-A H AC/DC (US plug)	3FE55868AA	\$ 270.00	20.00%	\$ 217.62
Nokia	G-241G-A ONT	3FE47068AA	\$ 288.00	20.00%	\$ 232.13
Nokia	G-440G-A	3FE55423AA	\$ 298.00	20.00%	\$ 240.19
Nokia	G-440G-A (US-plug)	3FE55508AA	\$ 330.00	20.00%	\$ 265.98
Nokia	U-00160CP-P,POL	3FE47277AA	\$ 1,798.00	20.00%	\$ 1449.19
Nokia	U-050X-A (US plug)	3FE47451AA	\$ 1,240.00	20.00%	\$ 999.44
Nokia	U-050X-A ONT only (XGSPON/XGPON1)	3FE47474AA	\$ 1,200.00	20.00%	\$ 967.20
Nokia	U-090CP-P	3FE47273AA	\$ 798.00	20.00%	\$ 643.19
Nokia	XE-040G-A Kit	3FE55742AA	\$ 588.89	20.00%	\$ 474.65
Nokia	XS-020X-A (US plug) (cable management)	3FE48958AB	\$ 400.00	20.00%	\$ 322.40
Nokia	XS-020X-A (US plug)	3FE48958AA	\$ 380.00	20.00%	\$ 306.28
Nokia	XS-240W-A Kit (US plug)	3FE48626AA	\$ 650.00	20.00%	\$ 523.90
Nokia	XS-250WX-A (US plug)	3FE48439AA	\$ 650.00	20.00%	\$ 523.90
Nokia	XS-250X-A (US plug)	3FE48118AA	\$ 530.00	20.00%	\$ 427.18
Nokia	Cyber DTC36	3MV00555AA	\$ 76.00	20.00%	\$ 61.26
Nokia	US Plug in,2Pin Desktop,54V,1A,Molex Int	3FE47145AA	\$ 50.00	20.00%	\$ 40.30
Nokia	SSP - EMS (55XX/73XX) per line	301049607	\$ 15.00	20.00%	\$ 12.09
Nokia	1000Base-EX SFP SM 1310nm 40km 18dB	3FE25775AA	\$ 598.00	20.00%	\$ 481.99
Nokia	1000Base-ZX SFP SM 1550NM 80KM 24DB	3FE25776AA	\$ 1,498.00	20.00%	\$ 1207.39
Nokia	1000Base-SX SFP MM 850NM 550M 7DB	3FE25773AA	\$ 198.00	20.00%	\$ 159.59
Nokia	1000Base-LX SFP SM 1310nm 10km 11dB	3FE25774AA	\$ 298.00	20.00%	\$ 240.19
Nokia	GPON SFP B+ (C-temp) OLT	3FE53441AA	\$ 312.50	20.00%	\$ 251.88
Nokia	GPON SFP C+ (I-temp) OLT	3FE53441BC	\$ 625.00	20.00%	\$ 503.75
Nokia	GPON SFP B+ (I-temp) OLT	3FE53441AC	\$ 437.50	20.00%	\$ 352.63
Nokia	GPON SFP C+ (C-temp) OLT	3FE53441BA	\$ 437.50	20.00%	\$ 352.63
Nokia	GPON SFP C++ (I-temp) OLT 34dB	3FE53441FC	\$ 699.00	20.00%	\$ 563.39
Nokia	1000Base-T RJ45 SFP Electrical	3FE64927AA	\$ 184.00	20.00%	\$ 148.30
Nokia	GPON B+ SFP optics module w. SC/APC	3FE46899AA	\$ 212.50	20.00%	\$ 171.28
Nokia	SFP GPON SC/UPC uplink wo integrGPON MAC	3FE68653AA	\$ 487.50	20.00%	\$ 392.93
Nokia	10GBASE-ER CWDM SFP+ -40 to +85C 1471nm	3FE68890AA	\$ 5,998.00	20.00%	\$ 4834.39
Nokia	10GBASE-ER CWDM SFP+ -40 to +85C 1491nm	3FE68890AB	\$ 5,998.00	20.00%	\$ 4834.39
Nokia	10GBASE-ER CWDM SFP+ -40 to +85C 1511nm	3FE68890AC	\$ 5,998.00	20.00%	\$ 4834.39
Nokia	10GBASE-ER CWDM SFP+ -40 to +85C 1531nm	3FE68890AD	\$ 5,998.00	20.00%	\$ 4834.39
Nokia	10GBASE-ER CWDM SFP+ -40 to +85C 1551nm	3FE68890AE	\$ 5,998.00	20.00%	\$ 4834.39
Nokia	10GBASE-ER CWDM SFP+ -40 to +85C 1571nm	3FE68890AF	\$ 5,998.00	20.00%	\$ 4834.39

## 6. Cabling Products

Nokia	10GBASE-ER CWDM SFP+ -40 to +85C 1591nm	3FE68890AG	\$ 5,998.00	20.00%	\$ 4834.39
Nokia	10GBASE-ER CWDM SFP+ -40 to +85C 1611nm	3FE68890AH	\$ 5,998.00	20.00%	\$ 4834.39
Nokia	10GBase-LR SFP+ 10KM	3FE62600AA	\$ 500.00	20.00%	\$ 403.00
Nokia	10GBase-ER SFP+ 40km	3FE65831AA	\$ 640.00	20.00%	\$ 515.84
Nokia	10GBase-SR SFP+ 300M	3FE63264AA	\$ 898.00	20.00%	\$ 723.79
Nokia	10GBase-ZR SFP+ 80km 10Gbps I-temp	3FE65832AA	\$ 1,400.00	20.00%	\$ 1128.40
Nokia	10GBase-LR SFP+ 10km -5C to +70C, 1310nm	3FE62600DA	\$ 500.00	20.00%	\$ 403.00
Nokia	XGS Optics Module	3FE46901AA	\$ 525.00	20.00%	\$ 423.15
Nokia	CABLE GLAND KIT for ANSI SX-48V	3FE69418AA	\$ 569.72	20.00%	\$ 459.19
Nokia	ANSI FX-8 FIBER ROUTING	3FE61087EB	\$ 39.29	20.00%	\$ 31.67
Nokia	ANSI FX-4 FIBER ROUTING	3FE61087DB	\$ 28.08	20.00%	\$ 22.63
Nokia	Filler FX 25mm with pre-cabling lot	3FE65005AA	\$ 110.00	20.00%	\$ 88.66
Nokia	Filler FX 30mm for NT-B position	3FE65651AA	\$ 110.00	20.00%	\$ 88.66
Nokia	Filler FX 25mm without pre-cabling lot	3FE65651BA	\$ 70.00	20.00%	\$ 56.42
Nokia	Filler MA-Filler Parking Panel	3FE69465AA	\$ 120.00	20.00%	\$ 96.72
Nokia	19inch Rack Mounting Kit	3FE72995AA	\$ 67.00	20.00%	\$ 54.00
Nokia	23inch Rack Mounting Kit	3FE72996AA	\$ 67.00	20.00%	\$ 54.00
Nokia	Dust Filter	3FE72997AA	\$ 67.00	20.00%	\$ 54.00
Nokia	CFAN-A 7362 DF-16GW Fan Unit	3FE45999AA	\$ 556.00	20.00%	\$ 448.14
Nokia	12p LTA for SX-12VP - 710	3FE69832DA	\$ 7,541.12	20.00%	\$ 6078.14
Nokia	7367 SX-12VP Brckt Kit CAD12 wo diplexer	3FE69832AB	\$ 8,351.12	20.00%	\$ 6731.00
Nokia	7367 SX-12VP Brckt Kit M300 ped wo dipl	3FE69832CB	\$ 8,351.12	20.00%	\$ 6731.00
Nokia	16p LTA for SX-16F - 710	3FE69832DB	\$ 8,181.02	20.00%	\$ 6593.90
Nokia	7367 SX-16F Gland Kit	3FE72091AA	\$ 486.01	20.00%	\$ 391.72
Nokia	7367 ISAM SX-48V Pole/Wall Mount Bracket	3FE69372AA	\$ 745.22	20.00%	\$ 600.65
Nokia	7367 ISAM SX-16F Wall / Pole mount	3FE72785AA	\$ 565.57	20.00%	\$ 455.85
Nokia	7362 ISAM SF-8GW AC-powered GDT+Fuse kit	3FE74945BA	\$ 75.67	20.00%	\$ 60.99
Nokia	7362 ISAM SF-8GW Coax-powered GDT+Fuse k	3FE74945AA	\$ 118.88	20.00%	\$ 95.82
Nokia	7362 ISAM SF-8GW AC power module	3FE74525BA	\$ 618.48	20.00%	\$ 498.49
Nokia	7362 ISAM SF-8GW Coax power module	3FE74525AA	\$ 761.23	20.00%	\$ 613.55
Nokia	7362 ISAM SF-8GW IP67 gland plug	3FE74790AA	\$ 282.70	20.00%	\$ 227.86
Nokia	7362 ISAM SF-8GW Wall/Pole Mounting Kit	3FE74947AA	\$ 1,085.33	20.00%	\$ 874.78
Nokia	7362 ISAM SF-8GW Strand Mounting Kit	3FE74946AA	\$ 89.78	20.00%	\$ 72.36
Nokia	NFXS-E FX-4 shelf w/ BFAN-X	3FE64991BB	\$ 4,022.00	20.00%	\$ 3241.73
Nokia	NFXS-E FX-8 shelf w/ BFAN-E	3FE64936BB	\$ 4,198.00	20.00%	\$ 3383.59
Nokia	NFXS-D FX-16 shelf w/o Fan	3FE65209BA	\$ 5,598.00	20.00%	\$ 4511.99
Nokia	MNTS-A KIT	3FE45042AA	\$ 1,876.00	20.00%	\$ 1512.06
Nokia	CFAS-D 7367 SX-16F with triple power	3FE71491AE	\$ 21,738.38	20.00%	\$ 17521.13
Nokia	VSRM-A 7367 SX-48V Triple Input Variant	3FE68617AB	\$ 16,177.07	20.00%	\$ 13038.72
Nokia	VSRM-B 7367 SX-48U with AC/DC/RFT power	3FE74988AA	\$ 20,641.11	20.00%	\$ 16636.73
Nokia	CFES-B 7367 SX-16F with triple power	3FE71491BE	\$ 21,542.02	20.00%	\$ 17362.87
Nokia	10/10G-EPON PR30 OLT XFP, I-temp	3FE66606BD	\$ 1,500.00	20.00%	\$ 1209.00
Nokia	XGS DR XFP N1 (C-temp) OLT	3FE46232AA	\$ 990.00	20.00%	\$ 797.94
Nokia	XGS DR XFP N1 (I-temp) OLT	3FE46232AC	\$ 1,060.00	20.00%	\$ 854.36
Nokia	XGS DR XFP N2 (C-temp) OLT	3FE46232BA	\$ 1,060.00	20.00%	\$ 854.36
Nokia	KIT-FX-8 ANSI VERT	3FE67300BA	\$ 1,132.38	20.00%	\$ 912.70
Nokia	KIT-FX-8 ANSI HORIZ	3FE67300AA	\$ 361.91	20.00%	\$ 291.70
Nokia	KIT-FX-4 ANSI VERT	3FE67299BA	\$ 1,132.38	20.00%	\$ 912.70
Nokia	KIT-FX-4 ANSI HORIZ	3FE67299AA	\$ 349.52	20.00%	\$ 281.71
Nokia	BFAN-H FX Intell Fan incl filter, FX-16	3FE66546AA	\$ 1,180.00	20.00%	\$ 951.08
Nokia	BFAN-E FX Intell. Fan excl. filter, FX-8	3FE66545AA	\$ 800.00	20.00%	\$ 644.80
Nokia	BFAN-X FX Intell. Fan excl. filter, FX-4	3FE66544AA	\$ 470.00	20.00%	\$ 378.82
Nokia	FX-16 BAFFLE KIT	3FE68285AA	\$ 468.00	20.00%	\$ 377.21
Nokia	FX Dust filter for 4-slot shelf	3FE64928EA	\$ 98.50	20.00%	\$ 79.39
Nokia	FX Dust filter for 8-slot shelf	3FE64928DA	\$ 122.00	20.00%	\$ 98.33
Nokia	CSN27 Floating Grnd UPS	3MV00535AA	\$ 76.00	20.00%	\$ 61.26
Nokia	UPS CSN27U12V3-G	3MV00500AA	\$ 76.00	20.00%	\$ 61.26
Nokia	UPS - CSN27U12V	3MV00433AA	\$ 76.00	20.00%	\$ 61.26
Nokia	FX-16 DRIP TRAY	3FE68295AA	\$ 490.38	20.00%	\$ 395.25
Nokia	FX Dust filter for 16-slot shelf	3FE67952AA	\$ 100.00	20.00%	\$ 80.60
Nokia	8ft Molex DC Pwr Cable for Delta UPS	3EM24378AA	\$ 18.00	20.00%	\$ 14.51
Nokia	DMDU-4850R UPS	3EM23372AA	\$ 160.00	20.00%	\$ 128.96
Nokia	DUPS-1232A non-grnd UPS	3EM23134AB	\$ 76.00	20.00%	\$ 61.26
Nokia	Batteries (Installation) 7.8Ah 12V UPS B	1AF17581ACAA	\$ 60.00	20.00%	\$ 48.36
Nokia	Batteries (Installation) 16.8Ah 12V UPS	1AF17581ABAA	\$ 214.90	20.00%	\$ 173.21
Nokia	POWER SUPPLY_STANDARD_AC/DC_UNIV ACIN	1AF01226ASAB	\$ 30.00	20.00%	\$ 24.18

6. Cabling Products

Nokia	CABLE ASSY ROUND 2.38m IEC320 C5 3_NEMA	1AB383340010	\$8.00	20.00%	\$ 6.45
Nokia	CABLE ASSY ROUND 2.5m-IEC320 C13x3-NEMA	1AB076760073	\$14.00	20.00%	\$ 11.28
Nokia	7360 FX-16 Fiber Routing Kit	3FE61087FA	\$70.00	20.00%	\$ 56.42
Nokia	Wall mount bracket for G-010G-A	3FE56393AC	\$15.50	20.00%	\$ 12.49
Nokia	RACK EQUIPMENT_584.2mm(23In)W/Spcl Gnd	1AD014120044	\$1,414.10	20.00%	\$ 1139.76
Nokia	4GB Compact Flash Card (Empty)	1AB147830065	\$257.30	20.00%	\$ 207.38
Nokia	25ft Molex DC Pwr Cable for Delta UPS	3EM24378AB	\$19.44	20.00%	\$ 15.67
Nokia	Outdoor ONT to UPS Cable 7.5m	3EM18276AD	\$30.66	20.00%	\$ 24.71
Nokia	DC Power Plant 48V 0A_FFTx UPS With Bat	1AF30360AAAA	\$176.40	20.00%	\$ 142.18
Nokia	I-24XG-B Outdoor Enclosure	3FE54221AH	\$90.00	20.00%	\$ 72.54
Nokia	AC Power Cable (ANSI plug) (3m)	3FE73552AA	\$60.00	20.00%	\$ 48.36
Nokia	USB Craft Cable for SX-12VP	3FE73081AA	\$64.82	20.00%	\$ 52.24
Nokia	DC Power Cable (3m)	3FE72993DA	\$89.00	20.00%	\$ 71.73
Nokia	CA-SX-16F Alarms	3FE72090AA	\$267.30	20.00%	\$ 215.44
Nokia	CA-SX-16F Ntwk Pwr 60cm	3FE72089AB	\$164.72	20.00%	\$ 132.76
Nokia	7362/7367 AC Power Cable (3m)	3FE72087AA	\$244.50	20.00%	\$ 197.07
Nokia	GPON Cable CA-SX-16F GPON 2m	3FE72086AB	\$297.00	20.00%	\$ 239.38
Nokia	CA-SX-16F Ethernet 3m	3FE72085AA	\$540.02	20.00%	\$ 435.26
Nokia	7362/7367 AC Power Cable, metal shld(3m)	3FE72088AA	\$133.95	20.00%	\$ 107.96
Nokia	VSRM-A Alarms 10ft 6-Pair OSP w/ Heyco	3FE69371AA	\$135.02	20.00%	\$ 108.83
Nokia	VSRM-A SOOW Pwr 10ft AC/DC Pwr 3x14AWG	3FE69368AA	\$270.02	20.00%	\$ 217.64
Nokia	GPON Cable 10ft 1 x SMF SC/APC OSP	3FE69367AA	\$170.12	20.00%	\$ 137.12
Nokia	VSRM-A Ethernet 10ft 2 x SMF LC/PC OSP	3FE69366AA	\$280.82	20.00%	\$ 226.34
Nokia	Service fiber cables,8xLC.SA(100ft/30m)	3FE74482JA	\$729.47	20.00%	\$ 587.95
Nokia	Service Cable 4xSC+8xLC, RA (100ft/30m)	3FE74481JA	\$610.61	20.00%	\$ 492.15
Nokia	Service Cable 4xSC+8xLC, SA (100ft/30m)	3FE74318JA	\$607.03	20.00%	\$ 489.27
Nokia	Service Cable 8xLC+8xLC, RA (100ft/30m)	3FE74483JA	\$733.03	20.00%	\$ 590.82
Nokia	100G BASE-SR4 CFP4 C-temp 850nm MMF 100m	3FE71994AA	\$4,290.00	20.00%	\$ 3457.74
Nokia	100G BASE-LR4 CFP4 C-temp SMF 10km	3FE71782AA	\$8,190.00	20.00%	\$ 6601.14
Nokia	7362 10GE Uplink Per Port RTU	3MV00741AAAA	\$585.00	20.00%	\$ 471.51
Nokia	7362 DF-16GW 10GE Uplink Per Port RTU	3MV00740AAAA	\$430.00	20.00%	\$ 346.58
Nokia	7362 SF-8GW Coax w/1-XGS-PON Opt/1 RTU	3HG01379AC	\$13,800.00	20.00%	\$ 11122.80
Nokia	7362 SF-8GW Coax w/1-Dual GPON Opt/2 RTU	3HG01378AC	\$13,800.00	20.00%	\$ 11122.80
Nokia	7362 SF-8GW AC w/ 1-Dual XGS Opt/2 RTUs	3HG01379AA	\$13,800.00	20.00%	\$ 11122.80
Nokia	7362 SF-8GW AC w/ 1-Dual GPON Opt/2 RTUs	3HG01378AA	\$13,800.00	20.00%	\$ 11122.80
Nokia	7362DF-16GW DC Powered w/1XGS Optic, RTU	3HG01338AA	\$13,800.00	20.00%	\$ 11122.80
Nokia	XGS DR XFP N1 (C-temp) and PerPort RTU	3HG01341AA	\$1,176.00	20.00%	\$ 947.86
Nokia	7362DF-16GW AC Powered w/1XGS Optic, RTU	3HG01337AA	\$13,800.00	20.00%	\$ 11122.80
Nokia	7362DF-16GW DC Powered w/4(GPON,Opt,RTU)	3HG01346AA	\$13,800.00	20.00%	\$ 11122.80
Nokia	1-Dual GPON XFPOLT(I-TEMP)2-PERPORT RTU	3HG01344AA	\$656.00	20.00%	\$ 528.74
Nokia	10GE Uplink Optic and PerPort RTU Bundle	3HG01340AA	\$867.00	20.00%	\$ 698.80
Nokia	7362DF-16GW AC Powered w/4(GPON,Opt,RTU)	3HG01345AA	\$13,800.00	20.00%	\$ 11122.80
Nokia	Redun FX-16/FANT-F Starter Kit 16-PON LT	3HG01263AA	\$40,000.00	20.00%	\$ 32240.00
Nokia	Redund FX-8/FANT-F Starter Kit 16-PON LT	3HG01262AA	\$36,000.00	20.00%	\$ 29016.00
Nokia	Redundant FX-4 Starter Kit w/ 16-PON LT	3HG01246AA	\$32,000.00	20.00%	\$ 25792.00
Nokia	Simp FX-4 Str Kit FANT-F wFGLT-B	3HG01243AA	\$27,000.00	20.00%	\$ 21762.00
Nokia	Simp FX-4 Str Kit FANT-G wFGLT-B NoOp V	3HG01533VM	\$26,000.00	20.00%	\$ 20956.00
Nokia	Simp FX-4 Str Kit FANT-G wFGLT-B NoOp H	3HG01533HM	\$26,000.00	20.00%	\$ 20956.00
Nokia	Red FX-8 Starter Kit FANT-G NoOptics V	3HG01528VM	\$18,500.00	20.00%	\$ 14911.00
Nokia	Red FX-8 Starter Kit FANT-G NoOptics H	3HG01528HM	\$18,500.00	20.00%	\$ 14911.00
Nokia	Red FX-4 Starter Kit FANT-G NoOptics V	3HG01527VM	\$14,500.00	20.00%	\$ 11687.00
Nokia	Red FX-4 Starter Kit FANT-G NoOptics H	3HG01527HM	\$14,500.00	20.00%	\$ 11687.00
Nokia	Red FX-4 STR Kit 2FANT- G w8P XGS NoOp H	3HG01397AE	\$30,500.00	20.00%	\$ 24583.00
Nokia	Red FX-16 STR Kit FANT- G w8P XGS NoOp V	3HG01513AA	\$38,500.00	20.00%	\$ 31031.00
Nokia	Red FX-8 STR Kit FANT- G w8P XGS NoOp V	3HG01512VA	\$34,500.00	20.00%	\$ 27807.00
Nokia	Red FX-8 STR Kit FANT- G w8P XGS NoOp H	3HG01512HA	\$34,500.00	20.00%	\$ 27807.00
Nokia	Red FX-8 Str Kit 2FANT-G wFGLT-B NoOp V	3HG01392AE	\$34,500.00	20.00%	\$ 27807.00
Nokia	Red FX-4 Str Kit 2FANT-G wFGLT-B NoOp V	3HG01376AE	\$30,500.00	20.00%	\$ 24583.00
Nokia	Red FX-4 STR Kit 2FANT- G w8P XGS NoOp V	3HG01397AD	\$30,500.00	20.00%	\$ 24583.00

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Nokia	Red FX-4 Str Kit 2FANT-G wFGLT-B NoOp H	3HG01376AD	\$30,500.00	20.00%	\$ 24583.00
Nokia	Redun FX-16/FANT-G Starter Kit 8-XGS LT	3HG01398AA	\$40,000.00	20.00%	\$ 32240.00
Nokia	Redundant FX-4 Starter Kit w/ 8-XGS LTV	3HG01397AA	\$32,000.00	20.00%	\$ 25792.00
Nokia	Redun FX-16/FANT-G Starter Kit 16-PON LT	3HG01393AA	\$40,000.00	20.00%	\$ 32240.00
Nokia	Redund FX-8/FANT-G Starter Kit 16-PON LT	3HG01392AA	\$36,000.00	20.00%	\$ 29016.00
Nokia	Redundant FX-4 Starter Kit w/ 16-PON LTV	3HG01376AA	\$32,000.00	20.00%	\$ 25792.00
Nokia	Redundant FX-8 Starter Kit w/ 8-XGS LT	3HG01358AB	\$36,000.00	20.00%	\$ 29016.00
Nokia	Redundant FX-4 Starter Kit w/ 8-XGS LTH	3HG01397AC	\$32,000.00	20.00%	\$ 25792.00
Nokia	Redundant FX-4 Starter Kit w/ 16-PON LTH	3HG01376AC	\$32,000.00	20.00%	\$ 25792.00
Nokia	10GE 80km Uplink Optic and RTU Bundle	3HG01420AA	\$7,980.00	20.00%	\$ 6431.88
Nokia	10GE 40km Uplink Optic and RTU Bundle	3HG01419AA	\$5,836.00	20.00%	\$ 4703.82
Nokia	XGS DR XFP N2 (C-temp) and PerPort RTU	3HG01418AA	\$1,058.00	20.00%	\$ 852.75
Nokia	Red FX-8 Str Kit 2FANT-G wFGLT-B NoOp H	3HG01392AD	\$34,500.00	20.00%	\$ 27807.00
Nokia	Red FX16 Str Kit FANTG wFGLT-B NoOp V	3HG01393AC	\$38,500.00	20.00%	\$ 31031.00
Nokia	1000Base-BX10-D C-SFP	3FE65106AA	\$250.00	20.00%	\$ 201.50
Nokia	100/1000Base-BX20-D DR C-SFP	3FE69491AA	\$512.68	20.00%	\$ 413.22
Nokia	A5520 AMS - RTU External TL1 GW	3FE31180AA	\$37,800.00	20.00%	\$ 30466.80
Nokia	A5520 AMS - RTU Operator Position	3FE31060AA	\$18,900.00	20.00%	\$ 15233.40
Nokia	5520/5529 AMS Starter Kit Bundle	3AP38518AAAA	\$20,000.00	20.00%	\$ 16120.00
Nokia	A5520 AMS 5529 Apps St Syst RTU per Sub	3AP38517CAAA	\$10.80	20.00%	\$ 8.70
Nokia	FWLT-B 8port U-NGPON LT (2x40G BP)	3FE72955AA	\$19,000.00	20.00%	\$ 15314.00
Nokia	CFXR-A 7362 DF-16GW with DC power	3FE45632BA	\$13,800.00	20.00%	\$ 11122.80
Nokia	CFXR-A 7362 DF-16GW with AC power	3FE45632AA	\$13,800.00	20.00%	\$ 11122.80
Nokia	FPXT-B 8p 10G EPON LT	3FE68788AB	\$23,000.00	20.00%	\$ 18538.00
Nokia	NPOT-C 48-Port Voice LT	3FE65455BA	\$2,400.00	20.00%	\$ 1934.40
Nokia	NELT-B 36-Port P2P Ethernet LT	3FE62543AA	\$2,500.00	20.00%	\$ 2015.00
Nokia	FGLT-B 16p GPON LT	3FE68954AB	\$19,000.00	20.00%	\$ 15314.00
Nokia	7362 ISAM SF-8GW AC power w Coax Cable	3FE73517AA	\$13,800.00	20.00%	\$ 11122.80
Nokia	7362 ISAM SF-8GW AC power w SOOW Cable	3FE73517BA	\$13,800.00	20.00%	\$ 11122.80
Nokia	7360 L3 PER PORT FEE - Layer 3 RTU	3MV00468AAAA	\$4,000.00	20.00%	\$ 3224.00
Nokia	VSRM-A VDSL 710 10ft 50-pair Cable	3FE69365AA	\$907.22	20.00%	\$ 731.22
Nokia	VSRM-A VDSL MS2 10ft 50-Pair Cable	3FE69364AA	\$926.12	20.00%	\$ 746.45
Nokia	SX-16F INDOOR DROP CABLE 3M	3FE73371AA	\$666.91	20.00%	\$ 537.53
Nokia	SX-48V VDSL CABLE 50FT, UNTERM	3FE73309AA	\$5,413.60	20.00%	\$ 4363.36
Nokia	FNIO-A FX NTIO card 8-port 10G	3FE65586BA	\$11,600.00	20.00%	\$ 9349.60
Nokia	NDPS-B Vect Proc Card (384 lines)	3FE67437AA	\$14,133.00	20.00%	\$ 11391.20
Nokia	FANT-F 7360 FX 480Gbps NT w/ clock ANSI	3FE53701BD	\$17,000.00	20.00%	\$ 13702.00
Nokia	FANT-G 7360 FX 1280Gbps NT w/ clock ANSI	3FE71256BA	\$18,000.00	20.00%	\$ 14508.00
Nokia	Dual GPON XFP OLT (I-temp) Class C+	3FE56402BC	\$1,250.00	20.00%	\$ 1007.50
Nokia	Dual GPON XFP OLT (C-temp) Class C+	3FE56402BA	\$875.00	20.00%	\$ 705.25
Nokia	Dual GPON XFP OLT (I-temp) Class B+	3FE56402AC	\$820.00	20.00%	\$ 660.92
Nokia	C-040P-Q	3FE47275AA	\$285.63	20.00%	\$ 230.22
Nokia	C-040P-P	3FE47274AA	\$591.66	20.00%	\$ 476.88
Nokia	U-090CP-P	3FE47273AA	\$798.00	20.00%	\$ 643.19
Nokia	G-010S-B	3FE46955AA	\$200.00	20.00%	\$ 161.20
Nokia	G-010S-A ONT	3FE46541AA	\$180.00	20.00%	\$ 145.08
Nokia	U-050X-A ONT only (XGSPON/XGPON1)	3FE47474AA	\$1,200.00	20.00%	\$ 967.20
Nokia	U-050X-A (US plug)	3FE47451AA	\$1,240.00	20.00%	\$ 999.44
Nokia	O-E010S-P DPoE SFP ONU Indoor	3FE65373DA	\$600.00	20.00%	\$ 483.60
Nokia	G-040P-Q PoE ONT Kit (US Plug)	3FE56863AC	\$430.00	20.00%	\$ 346.58
Nokia	G-010G-A (US plug)	3FE56089AA	\$170.00	20.00%	\$ 137.02
Nokia	G-240G-A H AC/DC (US plug)	3FE55868AA	\$270.00	20.00%	\$ 217.62
Nokia	G-240G-A ONT Only	3FE55691AA	\$238.00	20.00%	\$ 191.83
Nokia	G-881G-B 8P,8GE,RF,Indoor	3FE56074AB	\$1,100.00	20.00%	\$ 886.60
Nokia	G-881G-A 8P,8GE,RF,Outdoor	3FE56074AA	\$1,300.00	20.00%	\$ 1047.80
Nokia	XE-040G-A Kit	3FE55742AA	\$588.89	20.00%	\$ 474.65
Nokia	G-440G-A (US-plug)	3FE55508AA	\$330.00	20.00%	\$ 265.98
Nokia	G-440G-A	3FE55423AA	\$298.00	20.00%	\$ 240.19
Nokia	F-010G-B G.fast/Vplus/VDSL2 CPE(US plug)	3FE45667AA	\$335.02	20.00%	\$ 270.03

## 6. Cabling Products

Nokia	KIT-E-240G-B	3FE46260AA	\$238.00	20.00%	\$ 191.83
Nokia	Outdoor enclosure for XS-250X-A	3FE47391BA	\$214.00	20.00%	\$ 172.48
Nokia	U-00160CP-P,POL	3FE47277AA	\$1,798.00	20.00%	\$ 1449.19
Nokia	XS-020X-A (US plug)	3FE48958AA	\$380.00	20.00%	\$ 306.28
Nokia	F-010G-C (US plug)	3FE46007AA	\$322.40	20.00%	\$ 259.85
Nokia	XS-240W-A Kit (US plug)	3FE48626AA	\$650.00	20.00%	\$ 523.90
Nokia	XS-250WX-A (US plug)	3FE48439AA	\$650.00	20.00%	\$ 523.90
Nokia	XS-250X-A (US plug)	3FE48118AA	\$530.00	20.00%	\$ 427.18
Nokia	G-241G-A ONT	3FE47068AA	\$288.00	20.00%	\$ 232.13
Nokia	XS-020X-A (US plug) (cable management)	3FE48958AB	\$400.00	20.00%	\$ 322.40
Nokia	G-040P-Q Indoor Installation Bracket	3FE48105AA	\$60.00	20.00%	\$ 48.36
Nokia	Cyber DTC36	3MV00555AA	\$76.00	20.00%	\$ 61.26
Nokia	SSP - EMS (55XX/73XX) per line	301049607	\$15.00	20.00%	\$ 12.09
Nokia	SFP GPON SC/UPC uplink wo integrGPON MAC	3FE68653AA	\$487.50	20.00%	\$ 392.93
Nokia	1000Base-T RJ45 SFP Electrical	3FE64927AA	\$184.00	20.00%	\$ 148.30
Nokia	GPON SFP C+ (I-temp) OLT	3FE53441BC	\$625.00	20.00%	\$ 503.75
Nokia	GPON SFP C+ (C-temp) OLT	3FE53441BA	\$437.50	20.00%	\$ 352.63
Nokia	GPON SFP B+ (I-temp) OLT	3FE53441AC	\$437.50	20.00%	\$ 352.63
Nokia	GPON SFP B+ (C-temp) OLT	3FE53441AA	\$312.50	20.00%	\$ 251.88
Nokia	1000Base-ZX SFP SM 1550NM 80KM 24DB	3FE25776AA	\$1,498.00	20.00%	\$ 1207.39
Nokia	1000Base-EX SFP SM 1310nm 40km 18dB	3FE25775AA	\$598.00	20.00%	\$ 481.99
Nokia	1000Base-LX SFP SM 1310nm 10km 11dB	3FE25774AA	\$298.00	20.00%	\$ 240.19
Nokia	1000Base-SX SFP MM 850NM 550M 7DB	3FE25773AA	\$198.00	20.00%	\$ 159.59
Nokia	GPON SFP C++ (I-temp) OLT 34dB	3FE53441FC	\$699.00	20.00%	\$ 563.39
Nokia	GPON B+ SFP optics module w. SC/APC	3FE46899AA	\$212.50	20.00%	\$ 171.28
Nokia	10GBase-ZR SFP+ 80km 10Gbps I-temp	3FE65832AA	\$1,400.00	20.00%	\$ 1128.40
Nokia	10GBase-ER SFP+ 40km	3FE65831AA	\$640.00	20.00%	\$ 515.84
Nokia	10GBASE-ER CWDM SFP+ -40 to +85C 1611nm	3FE68890AH	\$5,998.00	20.00%	\$ 4834.39
Nokia	10GBASE-ER CWDM SFP+ -40 to +85C 1591nm	3FE68890AG	\$5,998.00	20.00%	\$ 4834.39
Nokia	10GBASE-ER CWDM SFP+ -40 to +85C 1571nm	3FE68890AF	\$5,998.00	20.00%	\$ 4834.39
Nokia	10GBASE-ER CWDM SFP+ -40 to +85C 1551nm	3FE68890AE	\$5,998.00	20.00%	\$ 4834.39
Nokia	10GBASE-ER CWDM SFP+ -40 to +85C 1531nm	3FE68890AD	\$5,998.00	20.00%	\$ 4834.39
Nokia	10GBASE-ER CWDM SFP+ -40 to +85C 1511nm	3FE68890AC	\$5,998.00	20.00%	\$ 4834.39
Nokia	10GBASE-ER CWDM SFP+ -40 to +85C 1491nm	3FE68890AB	\$5,998.00	20.00%	\$ 4834.39
Nokia	10GBASE-ER CWDM SFP+ -40 to +85C 1471nm	3FE68890AA	\$5,998.00	20.00%	\$ 4834.39
Nokia	10GBase-SR SFP+ 300M	3FE63264AA	\$898.00	20.00%	\$ 723.79
Nokia	10GBase-LR SFP+ 10km -5C to +70C, 1310nm	3FE62600DA	\$500.00	20.00%	\$ 403.00
Nokia	10GBase-LR SFP+ 10KM	3FE62600AA	\$500.00	20.00%	\$ 403.00
Nokia	XGS Optics Module	3FE46901AA	\$525.00	20.00%	\$ 423.15
Nokia	7362 ISAM SF-8GW IP67 gland plug	3FE74790AA	\$282.70	20.00%	\$ 227.86
Nokia	7362 ISAM SF-8GW Wall/Pole Mounting Kit	3FE74947AA	\$1,085.33	20.00%	\$ 874.78
Nokia	7362 ISAM SF-8GW Strand Mounting Kit	3FE74946AA	\$89.78	20.00%	\$ 72.36
Nokia	23inch Rack Mounting Kit	3FE72996AA	\$67.00	20.00%	\$ 54.00
Nokia	Dust Filter	3FE72997AA	\$67.00	20.00%	\$ 54.00
Nokia	19inch Rack Mounting Kit	3FE72995AA	\$67.00	20.00%	\$ 54.00
Nokia	CFAN-A 7362 DF-16GW Fan Unit	3FE45999AA	\$556.00	20.00%	\$ 448.14
Nokia	Filler FX 25mm without pre-cabing lot	3FE65651BA	\$70.00	20.00%	\$ 56.42
Nokia	Filler FX 30mm for NT-B position	3FE65651AA	\$110.00	20.00%	\$ 88.66
Nokia	Filler FX 25mm with pre-cabing lot	3FE65005AA	\$110.00	20.00%	\$ 88.66
Nokia	7367 ISAM SX-16F Wall / Pole mount	3FE72785AA	\$565.57	20.00%	\$ 455.85
Nokia	7367 SX-16F Gland Kit	3FE72091AA	\$486.01	20.00%	\$ 391.72
Nokia	16p LTA for SX-16F - 710	3FE69832DB	\$8,181.02	20.00%	\$ 6593.90
Nokia	7367 SX-12VP Brckt Kit M300 ped wo dipl	3FE69832CB	\$8,351.12	20.00%	\$ 6731.00
Nokia	7367 SX-12VP Brckt Kit CAD12 wo diplexer	3FE69832AB	\$8,351.12	20.00%	\$ 6731.00
Nokia	12p LTA for SX-12VP - 710	3FE69832DA	\$7,541.12	20.00%	\$ 6078.14
Nokia	CABLE GLAND KIT for ANSI SX-48V	3FE69418AA	\$569.72	20.00%	\$ 459.19
Nokia	7367 ISAM SX-48V Pole/Wall Mount Bracket	3FE69372AA	\$745.22	20.00%	\$ 600.65
Nokia	Filler MA-Filler Parking Panel	3FE69465AA	\$120.00	20.00%	\$ 96.72
Nokia	ANSI FX-8 FIBER ROUTING	3FE61087EB	\$39.29	20.00%	\$ 31.67



6. Cabling Products

Nokia	ANSI FX-4 FIBER ROUTING	3FE61087DB	\$28.08	20.00%	\$ 22.63
Nokia	7362 ISAM SF-8GW AC power module	3FE74525BA	\$618.48	20.00%	\$ 498.49
Nokia	7362 ISAM SF-8GW Coax power module	3FE74525AA	\$761.23	20.00%	\$ 613.55
Nokia	7362 ISAM SF-8GW AC-powered GDT+Fuse kit	3FE74945BA	\$75.67	20.00%	\$ 60.99
Nokia	7362 ISAM SF-8GW Coax-powered GDT+Fuse k	3FE74945AA	\$118.88	20.00%	\$ 95.82
Nokia	VSRM-A 7367 SX-48V Triple Input Variant	3FE68617AB	\$16,177.07	20.00%	\$ 13038.72
Nokia	NFXS-D FX-16 shelf w/o Fan	3FE65209BA	\$5,598.00	20.00%	\$ 4511.99
Nokia	NFXS-E FX-4 shelf w/ BFAN-X	3FE64991BB	\$4,022.00	20.00%	\$ 3241.73
Nokia	NFXS-E FX-8 shelf w/ BFAN-E	3FE64936BB	\$4,198.00	20.00%	\$ 3383.59
Nokia	CFES-B 7367 SX-16F with triple power	3FE71491BE	\$21,542.02	20.00%	\$ 17362.87
Nokia	CFES-D 7367 SX-16F with triple power	3FE71491AE	\$21,738.38	20.00%	\$ 17521.13
Nokia	MNTS-A KIT	3FE45042AA	\$1,876.00	20.00%	\$ 1512.06
Nokia	VSRM-B 7367 SX-48U with AC/DC/RFT power	3FE74988AA	\$20,641.11	20.00%	\$ 16636.73
Nokia	XGS DR XFP N2 (C-temp) OLT	3FE46232BA	\$1,060.00	20.00%	\$ 854.36
Nokia	XGS DR XFP N1 (C-temp) OLT	3FE46232AA	\$990.00	20.00%	\$ 797.94
Nokia	10/10G-EPON PR30 OLT XFP, I-temp	3FE66606BD	\$1,500.00	20.00%	\$ 1209.00
Nokia	XGS DR XFP N1 (I-temp) OLT	3FE46232AC	\$1,060.00	20.00%	\$ 854.36
Legrand	All Available Materials			15.00%	
Ortronics	All Available Materials			15.00%	
Superior Essex	All Available Materials			15.00%	
CelFi	All Available Materials			15.00%	
Coomba	All Available Materials			15.00%	
Westell	All Available Materials			15.00%	
Commscope	All Available Materials			15.00%	
JMA Wireless	All Available Materials			15.00%	
SOLID	All Available Materials			15.00%	
Corning	All Available Materials			15.00%	
ADRF	All Available Materials			15.00%	
G-Wave	All Available Materials			15.00%	
RFS	All Available Materials			15.00%	
Microlab	All Available Materials			15.00%	
TE Connectivity	All Available Materials			15.00%	
Surecall	All Available Materials			15.00%	
Amphenol	All Available Materials			15.00%	
PCTEL	All Available Materials			15.00%	
Laird	All Available Materials			15.00%	
Kaeluss	All Available Materials			15.00%	
Anritsu	All Available Materials			15.00%	
Mobile Access	All Available Materials			15.00%	
PolyPhaser	All Available Materials			15.00%	
RF Industries	All Available Materials			15.00%	
SpiderCloud	All Available Materials			15.00%	
Times Microwave	All Available Materials			15.00%	
Trilogy	All Available Materials			15.00%	
Ericson	All Available Materials			15.00%	
Wireless Solutions	All Available Materials			15.00%	