

fiberdata		Priser VERVA, Alcadon			
		Prislista - gäller från 2008-11-18			
		Valutakursen beräknad på 1 USD = 8 SEK.			
Artikelnummer	Benämning	Listpris	Rbt- typ	Rbt	Nettopris
	OS9000 Metro series				
OS9024M-210Gx	OptiSwitch® 9000 Series multi-layer platform with 24 GigE multipurpose Tri-mode ports - 100FX SFP / 1000FX SFP or built-in RJ45 10/100/1000T + 2 10GX (XFP) uplinks and 2 optional WDM slots (Power supplies should be ordered separately - 2 power supplies mandatory and 2 for redundancy).	141060	A	10%	126 960,00
OS9012M-10G-APS	OptiSwitch® 9000 Series multi-layer platform with 12 GigE multipurpose Tri-mode ports - 100FX SFP / 1000FX SFP or built-in RJ45 10/100/1000T and dual 10G-XFP APS-protected (LOS 1:1) uplink (Power supplies should be ordered separately).	99070	A	10%	89 170,00
OS9024-4C	OptiSwitch® 9000 Series multi-layer 24GigE platform with 20 unpopulated 1000BaseX SFPs and 4GigE Combo - Dual mode (SFP or RJ45 10/100/1000T) ports (Power supplies should be ordered separately)	64660	A	10%	58 200,00
OS9024-M	OptiSwitch® 9000 Series multi-layer platform with 24 GigE multipurpose Tri-mode ports - 100FX SFP / 1000FX SFP or built-in RJ45 10/100/1000T. (Power supplies should be ordered separately).	48980	A	10%	44 090,00
OS9012-M	OptiSwitch® 9000 Series multi-layer platform with 12 GigE multipurpose Tri-mode ports - 100FX SFP / 1000FX SFP or built-in RJ45 10/100/1000T. (Power supplies should be ordered separately)	45900	A	10%	41 310,00

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OS9024FX-4GC	OptiSwitch® 9000 Series multi-layer platform with 24 unpopulated 100BaseX SFPs and 4 GigE Dual mode (SFP or RJ45 10/100/1000T) ports (Power supplies should be ordered separately)	45900	A	10%	41 310,00
OS9052	OptiSwitch® 9000 Series multi-layer platform with 48 10/100BaseT and 4 GigE SFP ports (Power supplies should be ordered separately).	45900	A	10%	41 310,00
Hot-swappable power supplies for OS9000 series					
EM9005-PS/AC	AC power supply for the OptiSwitch® 9000 Series (90-240V AC)	3910	A	10%	3 520,00
EM9005-PS/DC	DC power supply for the OptiSwitch® 9000 Series (-48V DC)	5220	A	10%	4 700,00
Software Upgrade Packages for OS9000 series					
SW-UPG-9MPLS	Enhanced software upgrade package for OptiSwitch® 9000 series (Master-OS: L3 + MPLS VC - LDP, RSVP-TE, CR-LDP, OSPF-TE, CSPF). In order to get the SW-UPG-9MPLS loaded on OS9000 models, please add an "S" character at the end of the OS9000 P/N. Example: OS9024-MS.	33790	A	10%	30 420,00
OS9000 - CWDM fiber optimization modules					
O9ADCxx	1 CWDM wavelengths DF OADM module for OS9000	7850	A	10%	7 070,00
O9ADCxxyy	2 CWDM wavelengths DF OADM module for OS9000	12440	A	10%	11 200,00

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O9ADCxxyzz	3 CWDM wavelengths DF OADM module for OS9000	17030	A	10%	15 330,00
O9ADCxxyzzww	4 CWDM wavelengths DF OADM module for OS9000	22930	A	10%	20 640,00
O9ADCDxx	1 CWDM wavelengths DF Dual Sided OADM module for OS9000	15680	A	10%	14 120,00
O9ADCDxxyy	2 CWDM wavelengths DF Dual Sided OADM module for OS9000	24870	A	10%	22 390,00
O9ADCDxxyzz	3 CWDM wavelengths DF Dual Sided OADM module for OS9000	34050	A	10%	30 650,00
O9ADCDxxyzzww	4 CWDM wavelengths DF Dual Sided OADM module for OS9000	45860	A	10%	41 280,00
O9ADCDSxx	1 CWDM wavelengths SF Dual Sided OADM module for OS9000	14370	A	10%	12 940,00
O9ADCDSxxyy	2 CWDM wavelengths SF Dual Sided OADM module for OS9000	23560	A	10%	21 210,00
O9ADCDSxxyzz	3 CWDM wavelengths SF Dual Sided OADM module for OS9000	32740	A	10%	29 470,00
O9ADCDSxxyzzww	4 CWDM wavelengths SF Dual Sided OADM module for OS9000	44550	A	10%	40 100,00

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O9-Mux/Demux8	8 wavelengths CWDM Multiplexer/Demultiplexer module for OS9000	39330	A	10%	35 400,00
	OS9000 - DWDM fiber optimization modules				
O9ADDxx	1 DWDM wavelengths DF OADM module for OS9000	11780	A	10%	10 610,00
O9ADDxxyy	2 DWDM wavelengths DF OADM module for OS9000	22930	A	10%	20 640,00
O9ADDxxyyzz	3 DWDM wavelengths DF OADM module for OS9000	32780	A	10%	29 510,00
O9ADDxxyyzzww	4 DWDM wavelengths DF OADM module for OS9000	41300	A	10%	37 170,00
O9ADDDxx	1 DWDM wavelengths DF Dual Sided OADM module for OS9000	23560	A	10%	21 210,00
O9ADDDxxyy	2 DWDM wavelengths DF Dual Sided OADM module for OS9000	46630	A	10%	41 970,00
O9ADDDxxyyzz	3 DWDM wavelengths DF Dual Sided OADM module for OS9000	65540	A	10%	58 990,00
O9ADDDxxyyzzww	4 DWDM wavelengths DF Dual Sided OADM module for OS9000	82600	A	10%	74 340,00
O9ADDDSxx	1 DWDM wavelengths SF Dual Sided OADM module for OS9000	22240	A	10%	20 020,00

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O9ADDDSxxyy	2 DWDM wavelengths SF Dual Sided OADM module for OS9000	44550	A	10%	40 100,00
O9ADDDSxxyzz	3 DWDM wavelengths SF Dual Sided OADM module for OS9000	64230	A	10%	57 810,00
O9ADDDSxxyzzww	4 DWDM wavelengths SF Dual Sided OADM module for OS9000	81290	A	10%	73 170,00
O9-Mux/Demux8DB	8 wavelengths DWDM Multiplexer/Demultiplexer (ch#43 to ch#57) module for OS9000	108320	A	10%	97 490,00
O9-Mux/Demux8DR	8 wavelengths DWDM Multiplexer/Demultiplexer (ch#21 to ch#35) module for OS9000	100440	A	10%	90 400,00
	CES line cards for OSM9024M-210Gx				
EM9K-CES-4T1c	4 - port T1 Circuit Emulation Service module with high-precision clock.	18700	A	10%	16 830,00
EM9K-CES-4E1c	4 - port E1 Circuit Emulation Service module with high-precision clock.	18700	A	10%	16 830,00
	Accessories				
MS9000-Blank	Blank panel for multi-service slot	197	A	10%	178,00
EM9005-Blank	Blank panel for Power Supply.	197	A	10%	178,00

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EM9005-BR-2-A	23" mounting brackets for the OS9024M-210Gx, OS9024-M and OS9012-M models.	394	A	10%	355,00
EM9005-BR-2-B	23" mounting brackets for the OS9024-4c, OS9024FX-4Gc, OS9052, OS9012M-10G-APS and OS9012c-10Gx models.	394	A	10%	355,00
MS9000-FG	Fiber guard tray for OS9000 (OS9024-4c, OS9024FX-4Gc, OS9012M-10G-APS and OS9012c-10Gx models).	1060	A	10%	954,00
		Software Upgrade Package for OS900 Series			
SW-UPG-9xMPLS	Enhanced software upgrade package for OptiSwitch® 900 series (Master-OS: MPLS VC - LDP, RSVP-TE, CR-LDP, OSPF-TE, CSPF). In order to get the SW-UPG-9xMPLS loaded on OS900 models, please add an "S" character at the end of the OS900 P/N. Example: OS910/AC-1S.	13090	A	10%	11 790,00
		OS904 Series - Demarcation Device			
OS904/AC-1	Intelligent Ethernet Services Demarcation platform - 2 Tri-Mode 100FX/1000FX SFP or RJ45 10/100/1000BaseT and 2 100FX/1000FX SFP Ports, AC (90-240VAC) power supply. 19" rack mount included.	11750	A	10%	10 580,00
		OS906 Series - Demarcation Device			
OS906/AC-1	Intelligent Ethernet Services Demarcation platform - 6 GigE tri-mode 100FX/1000FX SFP or RJ45 10/100/1000BaseT ports, AC (90-240VAC) power supply. 19" rack mount included.	16080	A	10%	14 480,00

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	OS910 Series - Demarcation Device				
OS910/AC-1	Intelligent Ethernet Services Demarcation platform - 8 RJ45 10/100/1000Base-T and 2 100FX/1000FX SFP ports, AC (90-240VAC) power supply	18050	A	10%	16 250,00
OS910/AC-2	Intelligent Ethernet Services Demarcation platform - 8 RJ45 10/100/1000Base-T and 2 100FX/1000FX SFP ports, Dual redundant AC (90-240VAC) power supply	20340	A	10%	18 310,00
OS910/DC-1	Intelligent Ethernet Services Demarcation platform - 8 RJ45 10/100/1000Base-T and 2 100FX/1000FX SFP ports, (-48VDC) power supply	18700	A	10%	16 830,00
OS910/DC-2	Intelligent Ethernet Services Demarcation platform - 8 RJ45 10/100/1000Base-T and 2 100FX/1000FX SFP ports, Dual redundant DC (-48VDC) power supply	21330	A	10%	19 200,00
	OS912 Series - Demarcation Device				
OS912-AC-2	Intelligent Ethernet Services Demarcation platform - 12 GigE tri-mode 100FX/1000FX SFP or RJ45 10/100/1000BaseT ports, Dual redundant AC (90-240V) power supply. 19" rack mount included.	28510	A	10%	25 660,00
OS912-DC-2	Intelligent Ethernet Services Demarcation platform - 12 GigE tri-mode 100FX/1000FX SFP or RJ45 10/100/1000BaseT ports, Dual redundant DC (-48V) power supply. 19" rack mount included.	29490	A	10%	26 550,00

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OS900 Accessories					
EM910-BR-1	19" mounting brackets for a Telco rack	165	A	10%	149,00
EM910-BR-2	23" mounting brackets for a Telco rack	165	A	10%	149,00
EM910-BR-3	19" mounting brackets for a Telco rack - fits OS910 with 2 AC power supplies.	165	A	10%	149,00
EM910-BR-4	23" mounting brackets for a Telco rack - fits OS910 with 2 AC power supplies.	165	A	10%	149,00
EM910-BR-D	19" mounting brackets for dual side-by-side OS900 (single PS models), Two systems in 19" 1RU.	230	A	10%	207,00
EM910-BR-E	19" mounting brackets for OS910 and LDP100 side-by-side.	230	A	10%	207,00
EM910-WBR	Wall mounting bracket for OS900.	99,3	A	10%	89,40
OS300 Series - Optical Termination Media Converters					
OS304	Optical termination unit - 2 RJ45 10/100/1000Base-T LAN and 2 100/1000FX WAN SFP ports, AC (90-240VAC) power supply.	7880	A	10%	7 100,00
OS304/DC	Optical termination unit - 2 RJ45 10/100/1000Base-T LAN and 2 100/1000FX WAN SFP ports, DC (-48VDC) power supply.	8530	A	10%	7 680,00
OS304-S	Optical termination unit - 1 RJ45 10/100/1000Base-T and 3 100/1000FX WAN SFP ports, AC (90-240VAC) power supply.	8530	A	10%	7 680,00

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OS304-S/DC	Optical termination unit - 1 RJ45 10/100/1000Base-T and 3 100/1000FX WAN SFP ports, DC (-48VDC) power supply.	9190	A	10%	8 280,00
OS304-S/AC-2	Optical termination unit - 1 RJ45 10/100/1000Base-T and 3 100/1000FX WAN SFP ports, Dual redundant AC (90-240VAC) power supply.	11490	A	10%	10 350,00
OS306-E	4 RJ45 10/100/1000Base-T LAN and 2 100/1000FX WAN SFP ports, with high temperature support (0oC to 65oC).	11490	A	10%	10 350,00
OS306-E/DC	4 RJ45 10/100/1000Base-T LAN and 2 100/1000FX WAN SFP ports, with high temperature support (0oC to 65oC).	12140	A	10%	10 930,00
OS300 Series Accessories					
EM304-BR-1	19" mounting brackets for a Telco rack.	165	A	10%	149,00
EM304-BR-2	23" mounting brackets for a Telco rack.	165	A	10%	149,00
EM304-BR-3	19" mounting brackets for a Telco rack - fits OS304-S with 2 AC power supplies.	165	A	10%	149,00
EM304-BR-4	23" mounting brackets for a Telco rack - fits OS304-S with 2 AC power supplies.	165	A	10%	149,00
EM304-WBR	Wall mounting bracket for OS300.	99,3	A	10%	89,40
OS930 10GE Demarcation					

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OS930	10GE service platform - 3 10GE LAN/WAN XFP ports (Power supplies should be ordered separately). 19" rack mounting included.	91820	A		
				10%	82 640,00
	Hot-swappable power supplies for OS9000 series				
EM9005-PS/AC	AC power supply for the OptiSwitch® 9000 Series (90-240V AC).	3910	A		
				10%	3 520,00
EM9005-PS/DC	DC power supply for the OptiSwitch® 9000 Series (-48V DC).	5220	A		
				10%	4 700,00
	OS930 Accessories				
EM930-BR-2	23" mounting brackets for a Telco rack.	165	A		
				10%	149,00
EM930-WBR	Wall mounting bracket for OS930.	165	A		
				10%	149,00
	OS910-M Multi Service Modular platform				
OS910-M	Multi Service Modular platform - 6 10/100/1000T ports + 2 Combo GE (RJ45/SFP) + 2 SFP 100FX/1000FX ports with 2 multipurpose slot, hot-swappable dual redundant power supplies (AC/DC should be ordered separately). 19" rackmount included.	21000	A		
				10%	18 900,00
	Hot-swappable power supplies for OS910-M chassis				
EM9-M-PS/AC	AC power supply for the OptiSwitch® 910-M Series (90-240V AC).	1680	A		
				10%	1 520,00
EM9-M-PS/DC	DC power supply for the OptiSwitch® 910-M Series (-48V DC).	1940	A		
				10%	1 750,00
	CES line cards				

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EM9-CES-E1	1-port E1 Circuit Emulation Service module - TDM over packet.	13090	A	10%	11 790,00
EM9-CES-T1	1-port E1/T1 Circuit Emulation Service module - TDM over packet.	13090	A	10%	11 790,00
EM9-CES-4E1	4-port E1 Circuit Emulation Service module - TDM over packet.	16730	A	10%	15 060,00
EM9-CES-4T1	4-port T1 Circuit Emulation Service module - TDM over packet.	16730	A	10%	15 060,00
EM9-CES-4T1c	4 - port T1 Circuit Emulation Service module with high-precision clock.	18700	A	10%	16 830,00
EM9-CES-4E1c	4 - port T1 Circuit Emulation Service module with high-precision clock.	18700	A	10%	16 830,00
Accessories					
EM910M-BR-2	23" mounting brackets for a Telco rack.	165	A	10%	149,00
OptiSwitch-MR 2000: Intelligent L2+ Switches					
MR2226N-2C	L2+ Standalone Switch. 24 Ports 10/100Base-T (RJ45) and two Combo Gigabit ports each comprised of a RJ45 and SFP for uplink, with enhanced security and QoS.	3670	A	10%	3 310,00
MR2228-S2C	L2 Stackable Switch; 24 ports 10/100Base-T (RJ-45) and two Combo Gigabit ports each comprised of an RJ-45 and an SFP for uplink, and two 1000Base-T ports for stacking.	3760	A	10%	3 390,00

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MR2252-S2C	L2/4 Stackable Switch 48 - ports 10/100BASE-T (RJ-45) and two Combo Gigabit ports each comprised of a RJ-45 and a SFP for uplink and two 1000BASE-T ports for stacking.	6590	A	10%	5 940,00
MR2228-2C-POE	L2/4 Power Over Ethernet Switch 24 - ports 10/100BASE-T (RJ-45) , two 10/100/1000 ports and two Combo Tri mode ports -100FX SFP/1000FX SFP or built-in RJ45 10/100/1000T receptacle for uplink.	7640	A	10%	6 880,00
MR2252-2C-POE	L2/4 Power Over Ethernet Switch 48 - ports 10/100BASE-T (RJ-45) , two 10/100/1000 ports and two Combo Tri mode ports -100FX SFP/1000FX SFP or built-in RJ45 10/100/1000T receptacle for uplink.	9650	A	10%	8 690,00
MR2326-S4C	L2/4 Gigabit Ethernet Stackable Switch - 20 ports 10/100/1000 Base-T and 4 combo Gigabit ports each comprised of a RJ-45 and a SFP plus 2 optional I/O module for 10G XFP uplink with both IPv4/IPv6 Management, Policy-maps, ACLs , QoS and basic L3 Upgrade Option.	19380	A	10%	17 450,00
MR2408	L2/4 10 Gigabit Managed Switch, standalone; 8 ports XFP Layer 2/4 10 Gigabit Ethernet switch.	67710	A	10%	60 940,00
	Modules				
MR10G-XFP	MR10G-XFP 10G XFP module for MR2326-S4C and MR3326.	4720	A	10%	4 250,00
	OptiSwitch-MR 3000: Intelligent L3 Switches				

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MRS3326-S4C	IPv6 Layer 3 Managed Switch A 24 ports 10/100/1000 Ethernet Routing IP Stackable Switch comprised of 20 10/100/1000 Base-T ports , 4 Gigabit combo ports each comprised of an RJ-45 and an SFP, plus 2 optional I/O module for 10G XFP uplink and IPv6 features.	20550	A	10%	18 500,00
MRS3350-S4C	IPv6 Layer 3 Managed Switch A 48 ports 10/100/1000 Ethernet Routing IP Stackable Switch comprised of 44 10/100/1000 Base-T ports , 4 Gigabit combo ports each comprised of an RJ-45 and an SFP, plus 2 optional I/O module for 10G XFP uplink and IPv6 features.	31750	A	10%	28 580,00
MR3312-4C	Layer 3 Managed Switch; 12 ports 10/100/1000 Ethernet Routing standalone Switch; 8 1000Base-X SFP ports and 4 Gigabit combo ports each comprised of an RJ-45 and an SFP.	11060	A	10%	9 960,00
	Cables				
MRXX25/49/26-SC	Stacking cable for the MR3325/49 and MR3326/50-S4C.	1280	A	10%	1 160,00
MRXX25-49-26-LSC	Long Stackable Cable 130 cm for the MR3325/49 and MRX326/50-S4C.	1280	A	10%	1 160,00
	Power Supplies				
MR4600RPS	600 Watt Redundant Power Supply unit for the MR series.	10420	A	10%	9 380,00
	OptiSwitch-MR FTTH				

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OA2000	L2 with QoS fiber aggregator solution. 24 Fast Ethernet WDM Bi-Directional (single) fiber ports with 2 Combo GE (RJ-45/SFP) uplinks. TCC TS1000 for subscriber port monitoring (without IP) built in.	24170	A	10%	21 760,00
OA201	Optical Network Termination (ONT). Fast Ethernet standalone Media Converter with Bi-Directional WDM (single) Fiber port. TCC TS1000 for remote subscriber port monitoring (without IP) built in.	1940	A	10%	1 750,00
	Notes				
	For SFP GE, please look at Plug-Ins Section				
	For XFP - 10 GE Pluggable (Supported by the MR2408), please look at the Plug-Ins section.				
	For Xenpak - 10 GE Pluggable Optics (Supported by the MR3325-S4C and MR3349-S4C MR10G-XER module), please look at the Plug-Ins section.				
	SFP - Small Form Pluggable				
	Single Fiber Bi Directional (BX/BD) Fast Ethernet/OC-3				
SFP-FD-BX35	SFP 100Base-BX and OC3, SM Single Fiber LC, TX: 1310nm, RX: 1550nm. 0-28km, with Digital Diagnostics.	2090	A	10%	1 890,00

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SFP-FD-BX53	SFP 100Base-BX and OC3, SM Single Fiber LC, TX: 1550nm, RX: 1310nm. 0-28km, with Digital Diagnostics.	2090	A	10%	1 890,00
SFP-FD-BX35SC	SFP 100Base-BX and OC3, SM Single Fiber SC, TX: 1310nm, RX: 1550nm. 0-28km, with Digital Diagnostics.	2090	A	10%	1 890,00
SFP-FD-BX53SC	SFP 100Base-BX and OC3, SM Single Fiber SC, TX: 1550nm, RX: 1310nm. 0-28km, with Digital Diagnostics.	2090	A	10%	1 890,00
SFP-FD-BX35TH	SFP 100Base-BX and OC3, SM Single Fiber LC, TX: 1310nm, RX: 1550nm. 0-28km, with Digital Diagnostics. Industrial Temp.	2630	A	10%	2 370,00
SFP-FD-BX53TH	SFP 100Base-BX and OC3, SM Single Fiber LC, TX: 1550nm, RX: 1310nm. 0-28km, with Digital Diagnostics. Industrial Temp.	2630	A	10%	2 370,00
SFP-FD-BD35	SFP 100Base-BX and OC3, SM Single Fiber LC, TX: 1310nm, RX: 1550nm. 16-46km, with Digital Diagnostics.	3300	A	10%	2 970,00
SFP-FD-BD53	SFP 100Base-BX and OC3, SM Single Fiber LC, TX: 1550nm, RX: 1310nm. 16-46km, with Digital Diagnostics.	6720	A	10%	6 050,00
SFP-FD-BZ45	SFP 100Base-BX, SM Single Fiber LC, TX: 1490nm, RX: 1570nm. 52-112km, with Digital Diagnostics.	11570	A	10%	10 420,00
SFP-FD-BZ54	SFP 100Base-BX, SM Single Fiber LC, TX: 1570nm, RX: 1490nm. 52-112km, with Digital Diagnostics.	11570	A	10%	10 420,00

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	Single Fiber Bi Directional Dual Rate FE/OC-3 STM-1/OC-12 STM-4				
SFP-DR-35IR1	SFP, Dual rate (155/622 Mbps), SM Single Fiber LC, Tx: 1310nm, Rx:1550nm Rx.15km with Digital Diagnostics.	1920	A	10%	1 730,00
SFP-DR-53IR1	SFP, Dual rate (155/622 Mbps), SM Single Fiber LC, Tx:1550nm, Rx:1310nm. 15km with Digital Diagnostics.	5450	A	10%	4 910,00
SFP-DR-35IR2	SFP, Dual rate (155/622 Mbps), SM Single Fiber LC, Tx:1310nm, Rx:1550nm. 40km with Digital Diagnostics.	5520	A	10%	4 970,00
SFP-DR-53IR2	SFP, Dual rate (155/622 Mbps), SM Single Fiber LC, 1550nm Tx, 1310nm Rx, 40km with Digital Diagnostics.	7520	A	10%	6 770,00
SFP-DR-45LR2	SFP, Dual rate (155/622 Mbps), SM Single Fiber LC, Tx:1490nm, Rx:1570nm, 80km, with Digital Diagnostics.	7120	A	10%	6 410,00
SFP-DR-54LR2	SFP, Dual rate (155/622 Mbps), SM Single Fiber LC, Tx:1570nm, Rx:1490nm, 80km with Digital Diagnostics.	7520	A	10%	6 770,00
	Single Fiber Bi Directional (BX) Gigabit Ethernet/ Fibre Channel				
SFP-GD-BX34	SFP 1000Base-BX, SM Single Fiber LC, TX: 1310nm, RX: 1490nm. 0-22km, with Digital Diagnostics.	2270	A	10%	2 050,00
SFP-GD-BX43	SFP 1000Base-BX, SM Single Fiber LC, TX: 1490nm, RX: 1310nm. 0-22km, with Digital Diagnostics.	5880	A	10%	5 300,00

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SFP-GD-BX34SC	SFP 1000Base-BX, SM Single Fiber SC, TX: 1310nm, RX: 1490nm. 0-22km, with Digital Diagnostics.	2270	A	10%	2 050,00
SFP-GD-BX43SC	SFP 1000Base-BX, SM Single Fiber SC, TX: 1490nm, RX: 1310nm. 0-22km, with Digital Diagnostics.	5880	A	10%	5 300,00
SFP-GD-BD35	SFP 1000Base-BX, SM Single Fiber LC, TX: 1310nm, RX: 1550nm. 6-38km, with Digital Diagnostics.	6940	A	10%	6 250,00
SFP-GD-BD53	SFP 1000Base-BX, SM Single Fiber LC, TX: 1550nm, RX: 1310nm. 6-38km, with Digital Diagnostics.	6940	A	10%	6 250,00
SFP-GD-BZ45	SFP 1000Base-BX, SM Single Fiber LC, TX: 1490nm, RX: 1570nm. 32-96km, with Digital Diagnostics.	11570	A	10%	10 420,00
SFP-GD-BZ54	SFP 1000Base-BX, SM Single Fiber LC, TX: 1570nm, RX: 1490nm. 32-96km, with Digital Diagnostics.	11570	A	10%	10 420,00
SFP-GD-EBZ45	SFP 1000Base-BX, SM Single Fiber LC, TX: 1490nm, RX: 1570nm. 32-120km, with Digital Diagnostics.	13520	A	10%	12 170,00
SFP-GD-EBZ54	SFP 1000Base-BX, SM Single Fiber LC, TX: 1570nm, RX: 1490nm. 32-120km, with Digital Diagnostics.	13520	A	10%	12 170,00
Single Fiber Bi Directional Multirate 100-2700 Mbps.					
SFP-MR-35IR1	SFP, Multi rate (100-2700 Mbps), SM Single Fiber LC, Tx:1310nm, Rx:1550nm, 15km with Digital Diagnostics.	7160	A	10%	6 450,00

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SFP-MR-53IR1	SFP, Multi rate (100-2700 Mbps), SM Single Fiber LC, Tx:1550nm, Rx:1310nm, 15km, with Digital Diagnostics.	7970	A	10%	7 180,00
SFP-MR-45IR2	SFP, Multi rate (100-2700 Mbps), SM Single Fiber LC, Tx:1490nm, Rx:1570nm, 40km, with Digital Diagnostics.	8360	A	10%	7 530,00
SFP-MR-54IR2	SFP, Multi rate (100-2700 Mbps), SM Single Fiber LC, Tx:1570nm, Rx:1490nm, 40km, with Digital Diagnostics.	8360	A	10%	7 530,00
SFP-MR-45LR2	SFP, Multi rate (100-2.7G), SM Single Fiber LC, 1490nm Tx, 1570nm Rx, 80km, with Digital Diagnostics.	12770	A	10%	11 500,00
SFP-MR-54LR2	SFP, Multi rate (100-2.7G), SM Single Fiber LC, 1570nm Tx, 1490nm Rx, 80km, with Digital Diagnostics.	12770	A	10%	11 500,00
Ethernet Copper (RJ45) for Layer 0/1 Products					
SFP-GA-R	SFP supporting 1000Base-T for Layer 2 and higher devices.	2890	A	10%	2 610,00
SFP-GC-R	SFP supporting 1000Base-T for Layer 1 devices.	2890	A	10%	2 610,00
SFP-SW10/100-R	SFP support 10/100Base-TX.	4010	A	10%	3 610,00
Copper Fire Wire					
SFP-1394A	Copper Fire Wire with "A" Connector	3070	A	10%	2 770,00
SFP-1394B	Copper Fire Wire with "B" Connector	2220	A	10%	2 000,00

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SFP-FO-1394B	SFP, Optical fireWire (1394B) 850nm for distance up to 100 meter over multimode fiber.	7560	A	10%	6 810,00
SFP-FO5-1394B	SFP, Optical fireWire (1394B) 850nm for distance up to 500 meter over multimode fiber.	8450	A	10%	7 610,00
Gigabit Ethernet/Fibre Channel					
SFP-DGD-SX	SFP Dual Rate 1/2.1 Gbps SX, or 1000Base-SX GigE, MM, 850nm, 0-550m, with Digital Diagnostics.	902	A	10%	812,00
SFP-G-SX	SFP 1000Base-SX GigE, MM, 850nm, 0-550m.	611	A	10%	550,00
SFP-G-MMX	SFP 1000Base-SX, Extended MM, 1310nm, 0-3km.	7960	A	10%	7 170,00
SFP-GD-LX	SFP 1000Base-LX, SM, 1310nm. 0-25km, with Digital Diagnostics.	689	A	10%	621,00
SFP-GD-ELX	SFP 1000Base-ELX, SM, 1310nm, 0-35km, with Digital Diagnostics.	1950	A	10%	1 760,00
SFP-GD-XD	SFP 1000Base-XD, SM, 1550nm, 15-75km, with Digital Diagnostics.	3190	A	10%	2 880,00
SFP-GD-ZX	SFP 1000Base-ZX, SM, 1550nm, 35-95km, with Digital Diagnostics.	4850	A	10%	4 370,00

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SFP-GD-EZX	SFP 1000Base-EZX, SM 1550nm, 45-125km, with Digital Diagnostics.	5610	A	10%	5 050,00
CWDM Gigabit Ethernet/Fibre Channel					
SFP-GDCWXD-xx	SFP 1000Base-XD, SM CWDM (XX=Wavelength 1470 - 1610nm), 50km, with Digital Diagnostics.	10230	A	10%	9 210,00
SFP-GDCWZX-xx	SFP 1000Base-ZX, SM CWDM (XX=Wavelength 1470-1610nm), 80km, CWDM with Digital Diagnostics.	12900	A	10%	11 610,00
SFP-GDCWEZX-xx	SFP 1000Base-EZX, SM CWDM (XX=Wavelength 1470-1610nm) 120km with Digital Diagnostics.	16460	A	10%	14 820,00
Fibre Channel Dual Rate (1, 2& 4Gbps) (LC Connectors)					
SFP-DGD-SX	SFP Dual Rate 1/2.1 Gbps SX, or 1000Base-SX GigE, MM, 850nm, 0-550m, with Digital Diagnostics.	902	A	10%	812,00
SFP-DGD-LX	SFP Dual Rate 1/2.1 Gbps SX, or 1000Base-LX GigE SM, 1310nm	2630	A	10%	2 370,00
SFP-TGD-SX	SFP Triple Rate 1/2.1/4.2 Gbps SX, or 1000Base-SX GigE, MM, 850nm, 0-550m, with Digital Diagnostics.	1500	A	10%	1 350,00
SFP-TGD-SR4	SFP 1/2/4-GFC, SM, 1310nm, 4 km at 4 GigFC and 10km at 2GigFC with Digital Diagnostics.	5210	A	10%	4 690,00
SFPFC401	SFP 1/2/4-GFC, SM, 1310nm, 10 km with Digital Diagnostics.	6680	A	10%	6 020,00

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	Fibre Channel Multi Rate (1, 2 & 4Gbps) CWDM (LC connectors)				
SFPFC4CW01-xx	SFP 1/2/4 Gig FC CWDM 10 Km. (XX= Channels 1310-1610nm).	10230	A	10%	9 210,00
SFPFC4CW04-xx	SFP 1/2/4 Gig FC CWDM 40 Km. (XX= Channels 1310-1610nm).	13740	A	10%	12 370,00
SFPFC4CW08-xx	SFP 1/2/4 Gig FC CWDM 80 Km. (XX= Channels 1310-1610nm).	20860	A	10%	18 780,00
	Fibre Channel Multi Rate (1, 2 & 4Gbps) DWDM (LC connectors)				
SFPFC4DW01-xx	SFP 1/2/4 Gig FC DWDM 10 Km. 100 GHZ. (XX=ITU Channels 21-60).	28460	A	10%	25 620,00
SFPFC4DW04-xx	SFP 1/2/4 Gig FC and 1 GE DWDM 40 Km. 100 GHZ. (XX=ITU Channels 17-60).	37360	A	10%	33 630,00
SFPFC4DW08-xx	SFP 1/2/4 Gig FC and 1 GE DWDM 80 Km. 100 GHZ. (XX=ITU Channels 17-60).	42250	A	10%	38 030,00
	Fast Ethernet OC-3 (LC Connectors)				
SFP-O3-M	SFP Fast Ethernet and OC-3, MM, 1310nm, 0-2km	1070	A	10%	963,00

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SFP-O3-IR1	SFP Fast Ethernet ELX or OC-3 IR 1, SM, up to 155/200Mbps, 1310nm, 0-25km.	1210	A	10%	1 090,00
SFP-O3D-IR1	SFP Fast Ethernet or OC-3 IR1, 155Mbps, 1310nm, 0-25km, with Digital Diagnostics.	1470	A	10%	1 330,00
SFP-O3-LR1	SFP Fast Ethernet EZX or OC-3 LR1, SM, up to 155Mbps, 1310nm, 0-60km	1560	A	10%	1 410,00
SFP-O3D-LR1	SFP Fast Ethernet XD or OC-3 LR1, SM, up to 155Mbps, 1310nm, 0-60km, with Digital Diagnostics.	1740	A	10%	1 570,00
SFP-O3D-LR2	SFP Fast Ethernet EZX or OC-3 LR2, SM, up to 155Mbps, 1550nm, 40-116km, with Digital Diagnostics.	5880	A	10%	5 300,00
SFP-O3D-XLR	SFP Fast Ethernet or OC-3 XLR, SM, up to 155Mbps, 1550nm, 60-170km, with Digital Diagnostics.	14190	A	10%	12 780,00
CWDM Fast Ethernet OC-3 (LC Connectors)					
SFP-O3D-XLR-xx	SFP Fast Ethernet or OC-3 XLR, SM CWDM (XX=Wavelength 1470-1610nm), 60-170km, CWDM with Digital Diagnostics.	14190	A	10%	12 780,00
OC-12 (LC Connectors)					
SFP-DRO12D-IR1	SFP Dual Rate OC-3/OC-12 IR1, SM, 155/622Mbps, 1310nm, 0-25km, with Digital Diagnostics.	2230	A	10%	2 010,00

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Artikelnummer	Benämning	Listpris	Rbt- typ	Rbt	Nettopris
SFP-O12D-LR1	SFP OC-12 LR1, SM, 622Mbps, 1310nm, 20-50km, with Digital Diagnostics.	4720	A	10%	4 250,00
SFP-O12D-LR2	SFP OC-12 LR2, SM, 622Mbps, 1550nm, 40-100km, with Digital Diagnostics.	7560	A	10%	6 810,00
Protocol Independent (LC Connectors)					
SFP-MR2-M	SFP Multirate 100-200Mbps, MM, 1310nm, 0-2km	1070	A	10%	963,00
SFP-MR27D-MMX	SFP Multi-rate 100-2700Mbps, Extended MM, 1310nm, 1 km with Digital Diagnostics	13260	A	10%	11 940,00
SFP-MR27D-SR1	SFP Multi-rate SR1, 100-2700Mbps, SM, 1310nm, 0-20km with Digital Diagnostics	5070	A	10%	4 570,00
SFP-MR27D-IR1	SFP Multi-rate IR1, 100-2700Mbps, SM, 1310nm, 0-30km with Digital Diagnostics.	8360	A	10%	7 530,00
SFP-MR27D-IR2	SFP Multi-rate IR2, 100-2700Mbps, SM, 1550nm, 0-60km with Digital Diagnostics.	12630	A	10%	11 370,00
SFP-MR27D-LR1	SFP Multi-rate, LR1, 100-2700Mbps, SM, 1310nm, 20-50km with Digital Diagnostics	14410	A	10%	12 970,00
SFP-MR27D-LR2	SFP Multi-rate, LR2, 100-2700Mbps, SM, 1550nm, 40-112km with Digital Diagnostics	16720	A	10%	15 050,00
CWDM Protocol Independent (LC Connectors)					

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SFP27DCWEIR-xx	SFP Multi-rate EIR, 100-2700Mbps, SM CWDM (XX=Wavelength 1470-1610nm), 20-60 km, with Digital Diagnostics.	14190	A	10%	12 780,00
SFP-27DCWLR-xx	SFP Multi-rate LR, 100-2700Mbps, SM CWDM (XX=Wavelength 1470-1610nm), 40-100 km, with Digital Diagnostics.	19570	A	10%	17 620,00
Multi-rate 100-2700 Mbps 100GHz DWDM SFP Transceivers					
SFP27DWLR08-xx	SFP Multi-Rate LR, 100-2700Mbps, SM DWDM (XX=ITU C-Band Channels 17-60 for 100 GHZ), 80km, with Digital Diagnostics.	26640	A	10%	23 980,00
SFP27DWLR12-xx	SFP Multi-Rate LR, 100-2700Mbps, SM DWDM (XX=ITU C-Band Channel 17 for 100 GHZ), Dispersion spec'd for 120km, with Digital Diagnostics. For distance calculation please see datasheet.	37310	A	10%	33 580,00
SFP27DWLR20-xx	SFP Multi-Rate LR, 100-2700Mbps, SM DWDM (XX=ITU C-Band Channel 17 for 100 GHZ), Dispersion spec'd for 200km, with Digital Diagnostics. For distance calculation please see datasheet.	39140	A	10%	35 230,00
Digital Video SFP					
SFP-CXASI-RX	Unidirectional DVB-ASI ,BS.EM50083-9, SFP (270 Mbps) RX Only.	13340	A	10%	12 010,00

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SFP-CXASI-TX	Unidirectional DVB-ASI ,BS.EM50083-9, SFP (270 Mbps) TX Only.	13340	A	10%	12 010,00
SFP-CXDV-RX27	Unidirectional Digital Video SFP, SDI/SMPTE 259m; (270Mbps) RX only.	13300	A	10%	11 970,00
SFP-CXDV-TX27	Unidirectional Digital Video SFP, SDI/SMPTE 259m; (270Mbps) TX only.	13300	A	10%	11 970,00
SFP3MRHDSI-RX	Unidirectional Digital Video SFP Dual Speed SDI(270Mbps)/ HD-SDI(1.485Gbps/1.001 Gbps) NTSC RX Only.	12410	A	10%	11 170,00
SFP3MRHDSI-TX	Unidirectional Digital Video SFP Dual Speed SDI(270Mbps)/ HD-SDI(1.485 Gbps/1.001Gbps) NTSC TX Only.	12410	A	10%	11 170,00
SFP5MRHDSI-RX	Unidirectional Digital Video SFP Dual Speed SDI(270Mbps)/ HD-SDI(1.485 Gbps) PAL/SECAM RX Only.	12410	A	10%	11 170,00
SFP5MRHDSI-TX	Unidirectional Digital Video SFP Dual Speed SDI(270Mbps)/ HD-SDI(1.485 Gbps) PAL/SECAM TX Only.	12410	A	10%	11 170,00
Xenpak - 10 GE Pluggable Optics					
XEN-10G-ER	Xenpak optics, 10 GE, ER. 1550 nm. SC Dual connector.	81420	A	10%	73 280,00
XEN-10G-LR	Xenpak optics, 10GE, LR, 1310nm, SC-Dual connector	46650	A	10%	41 990,00
XEN-10G-SR	Xenpak Optics, 10 GE, SR. 850nm, SC-Dual connector	28690	A	10%	25 830,00

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	10Gbps XFP's, DWDM				
XFP-DWIR204-xx	OC192/STM-64, 10GE or 10G FC, SM, SM DWDM (XX + ITU C-Band Channels 17-60 for 100 GHZ), 40 km, with Digital Diagnostics	86720	A	10%	78 050,00
	10Gbps XFP's, DWDM (Protocol specific ref. Clock)				
XFP-DWIR04P-xx	OC192/STM-64, 10GE or 10G FC, SM DWDM (XX + ITU C-Band Channels 17-61 for 100 GHZ), 40 km, with Digital Diagnostics.	71110	A	10%	64 000,00
XFP-DWLR08P-xx	OC192/STM-64, 10GE or 10G FC, SM DWDM (XX + ITU C-Band Channels 17-61 for 100 GHZ), 80 km, with Digital Diagnostics.	93340	A	10%	84 010,00
XFP-DWLR12P-xx	OC192/STM-64, 10GE or 10G FC, SM DWDM (XX + ITU C-Band Channels 17-61 for 100 GHZ), 120 km, with Digital Diagnostics.	111130	A	10%	100 020,00
	10Gbps XFP's (Protocol specific ref. Clock)				
XFP-10GD-IR04P	OC192/STM-64, 10GE or 10G FC, SM, 1550nm, 40km, with Digital Diagnostics. Protocol specific ref. Clock.	48870	A	10%	43 990,00
XFP-10GD-LR08P	OC192/STM-64, 10GE or 10G FC, SM, 1550nm, 80km, with Digital Diagnostics. Protocol specific ref. Clock.	75550	A	10%	68 000,00

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XFP-10GD-LR12P	XFP OC192/STM-64, 10GE or 10G FC, SM, 1550nm, Dispersion spec'd for 120km, with Digital Diagnostics, Protocol specific ref. Clock. For distance calculation please see datasheet.	106680	A	10%	96 020,00
10Gbps XFP's					
XFP-10GD-SX	XFP 10-GbE, or 10GFC, MM, 850nm, 300M with Digital Diagnostics	12640	A	10%	11 380,00
XFP-10GD-MMX	XFP 10-GbE, or 10GFC, Extended MM, 1310nm, 500m with Digital Diagnostics.	20500	A	10%	18 450,00
XFP-10GD-LR	XFP OC192/STM-64, 10GE or 10G FC, SM, 1310nm, 10km, with Digital Diagnostics.	15200	A	10%	13 680,00
XFP-10GD-IR2	OC192/STM-64, 10GE or 10G FC, SM, 1550nm, 40km, with Digital Diagnostics.	43500	A	10%	39 150,00
XFP-10GD-LR2	OC192/STM-64, 10GE or 10G FC, SM, 1550nm, 80km, with Digital Diagnostics.	70300	A	10%	63 270,00
SFP+					
SFP+10GD-SX	SFP+, MM, 850nm, 300m with Digital Diagnostics.	9580	A	10%	8 630,00
SFP+10GD-LR	SFP+, SM, 1310nm, 10km, with Digital Diagnostics.	14830	A	10%	13 350,00
10Gbps XFP's Copper					

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XFP-CX4	10GBase-CX4 Copper Transceiver, compliant per IEEE 802.3ak. Reaches 15 meters.	10630	A	10%	9 570,00
Lambda Driver - Modular WDM Optical Series					
LD1600 Platform					
LD1600	Lambda Driver-1600, 16 short and 6 long slots, DWDM Chassis (EM1600 power supplies should be ordered separately).	19650	A	10%	17 690,00
LD1600RN	Lambda Driver-1600 NEBS Certified Chassis without the power supply (EM1600 power supplies should be ordered separately).	30150	A	10%	27 140,00
EM1600-PS/AC	AC power supply for the LD1600 (90-240V AC)	3910	A	10%	3 520,00
EM1600-PS/DC	DC power supply for the LD1600 (-48V DC)	5220	A	10%	4 700,00
EM1600-MNGD	MNG Management Module for the Lambda Driver-1600 with 2 SFP ports	11130	A	10%	10 020,00
EM1600-DSRV	Service module for LD1600 with dual interface.	16370	A	10%	14 740,00
EM1600-RED	Redundant link module for LD1600	26870	A	10%	24 190,00
EM1600-RED/NS	Redundant link module for LD1600 w/o OSC	17030	A	10%	15 330,00
EM1600-SRV	Service module for LD1600	8500	A	10%	7 650,00

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EM1600-DCM	80km multichannel DCM (Dispersion Compensation Module) for LD1600 or LDP300	65580	A	10%	59 030,00
EM1600-DCMD	80km multichannel Dual fiber DCM (Dispersion Compensation Module) for LD1600 or LDP300	131180	A	10%	118 070,00
LD1600 DWDM Band Splitter modules					
EM1600-RBBS4	Red-Blue quad Band Splitter for LD1600	26210	A	10%	23 590,00
EM1600-RBBS2	Red-Blue dual Band Splitter LD1600	13090	A	10%	11 790,00
EM1600-CLBS2	C-L dual Band Splitter for LD1600	13090	A	10%	11 790,00
Optical Amplifiers for LD1600					
EM1600-OAI	Optical In Line Amplifier for the Lambda Driver-1600 with GFF.	85260	A	10%	76 740,00
EM1600-OAIM	Optical In Line Amplifier with Mid Stage for the Lambda Driver-1600 +17dbm output	85260	A	10%	76 740,00
EM1600-OAP	Optical Pre-Amplifier for the Lambda Driver-1600 with GFF.	78700	A	10%	70 830,00
EM1600-OAP10	10dB Gain Optical Pre-Amplifier for the Lambda Driver-1600.	69510	A	10%	62 560,00
EM1600-OAB	Optical Booster Amplifier for the Lambda Driver-1600 with GFF.	85260	A	10%	76 740,00
EM1600-OABM	Optical Booster Amplifier with Mid Stage for the Lambda Driver-1600.	89190	A	10%	80 280,00

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Artikelnummer	Benämning	Listpris	Rbt- typ	Rbt	Nettopris
EM1600-SOAI	Single channel Optical In Line Amplifier for the Lambda Driver-1600 +13dbm output	59020	A	10%	53 120,00
EM1600-SOAIM	Single channel Optical In Line Amplifier with Mid Stage for the Lambda Driver-1600 +13dbm output	62950	A	10%	56 660,00
EM1600-SOAP	Single channel Optical Pre-Amplifier for the Lambda Driver-1600.	59020	A	10%	53 120,00
EM1600-SOAB	Single channel Optical Booster Amplifier for the Lambda Driver-1600.	65580	A	10%	59 030,00
EM1600-SOAB13	Single channel Optical Booster Amplifier for the Lambda Driver-1600 +13dbm output	59020	A	10%	53 120,00
High Power Optical Amplifiers for LD1600					
EM1600-OAB22P	Optical Booster Amplifier for the Lambda Driver-1600 with +22dbm output.	131180	A	10%	118 070,00
EM1600-OAB22PM	Optical Booster Amplifier for the Lambda Driver-1600 with +22dbm output and MidStage.	135120	A	10%	121 610,00
EM1600-SOAB22P	Single channel Optical Booster Amplifier for the Lambda Driver-1600 with +22dbm output and 20db gain.	118060	A	10%	106 260,00
EM1600-OAI21P	Optical In Line Amplifier for the Lambda Driver-1600 with +21dbm output.	131180	A	10%	118 070,00

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Artikelnummer	Benämning	Listpris	Rbt- typ	Rbt	Nettopris
EM1600-OAI21PM	Optical In Line Amplifier with Mid Stage for the Lambda Driver-1600 with +21dbm output.	135120	A	10%	121 610,00
	Optical Amplifiers, Tunable Dispersion Compensation, LD1600				
EM1600-OABD	Optical Booster Amplifier with integrated tunable dispersion compensation for the Lambda Driver-1600.	131180	A	10%	118 070,00
EM1600-OAID	Optical In Line Amplifier with integrated tunable dispersion compensation for the Lambda Driver-1600.	131180	A	10%	118 070,00
EM1600-OAPD	Optical Pre-Amplifier with integrated tunable dispersion compensation for the Lambda Driver-1600.	115440	A	10%	103 900,00
EM1600-OAP10D	10dB Gain Optical Pre-Amplifier with integrated tunable dispersion compensation for the Lambda Driver-1600.	115440	A	10%	103 900,00
	RAMAN Amplifiers for LD1600				
EM1600-OAR10	10db Raman Amplifier for LD1600 dual slot.	236150	A	10%	212 540,00
EM1600-OAR12	12db Raman Amplifier for LD1600 dual slot.	262390	A	10%	236 160,00
EM1600-OAR15	15db Raman Amplifier for LD1600 dual slot.	301750	A	10%	271 580,00
EM1600-OAR20S	20db, Single channel (1550nm) Raman Amplifier for LD1600 dual slot.	393600	A	10%	354 240,00
	RAMAN Amplifier Accessories				

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Priser VERVA, Alcadon					
Prislista - gäller från 2008-11-18					
Valutakursen beräknad på 1 USD = 8 SEK.					
Artikelnummer	Benämning	Listpris	Rbt- typ	Rbt	Nettopris
CA-S-E2/E2/AP-2	F/O cable E2000/APC-E2000/APC 2 m, SM.	1650	A	10%	1 490,00
CA-SMS-E2/AP-2	F/O cable with E2000/APC on one side 2 m, SM.	1320	A	10%	1 190,00
ADF-E2/APC	F/O Female adaptor for E2000/APC, SM.	1320	A	10%	1 190,00
LD800 Platform					
LD800P	Lambda Driver-800, 11 slot WDM Chassis. (EM800P power supplies should be ordered separately).	13780	A	10%	12 410,00
EM800P-PS/AC	AC (90-240V) Power supply for LD800P.	2600	A	10%	2 340,00
EM800P-PS/DC	DC (48V)Power supply for LD800P.	3120	A	10%	2 810,00
LD800/AC	Lambda Driver-800, 11 slot Chassis for WDM with single AC power supply (90-240V AC)	16370	A	10%	14 740,00
LD800/DC	Lambda Driver-800, 11 slot Chassis for WDM with single DC power supply (48V DC)	16900	A	10%	15 210,00
LD800/2AC	Lambda Driver-800, 11 slots WDM Chassis with dual power AC supply (90-240V AC)	18960	A	10%	17 070,00
LD800/2DC	Lambda Driver-800, 11 slots WDM Chassis with dual power DC supply 48V DC)	20010	A	10%	18 010,00

fiberdata		Priser VERVA, Alcadon			
		Prislista - gäller från 2008-11-18			
		Valutakursen beräknad på 1 USD = 8 SEK.			
Artikelnummer	Benämning	Listpris	Rbt- typ	Rbt	Nettopris
EM800-PS/AC	Redundant power supply for the LD800/AC (90-240V AC)	2600	A	10%	2 340,00
EM800-PS/DC	Redundant power supply for the LD800/DC (48V DC)	3120	A	10%	2 810,00
EM800-MNGD	MNG Management Module for the Lambda Driver-800 with 2 SFP ports	8110	A	10%	7 300,00
EM800-RED	Redundant link module for LD800	26610	A	10%	23 950,00
EM800-RED/NS	Redundant link module for LD800 w/o OSC	16770	A	10%	15 100,00
EM800-DSRV	Dual OSC module for LD800.	16370	A	10%	14 740,00
EM800-SRV	Service module for LD800.	8500	A	10%	7 650,00
EM800-MP2	Dual 5% Monitoring port module for LD400/800	5220	A	10%	4 700,00
EM800-DCM	80km multichannel DCM for LD800, LD400 or LDP300	65580	A	10%	59 030,00
EM800-DCMD	80km multichannel Dual DCM for LD800, LD400 or LDP300	131180	A	10%	118 070,00
LD800 DWDM Band Splitter modules					
BS21/26/31/36	4 bands DWDM Band Splitter (ch#21,26,31,36) module for LD800	30150	A	10%	27 140,00

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Prislista - gäller från 2008-11-18					
Valutakursen beräknad på 1 USD = 8 SEK.					
Artikelnummer	Benämning	Listpris	Rbt- typ	Rbt	Nettopris
B4OADMxx	Single Band 4 100Ghz channels starting with xx Banded OADM . (xx=21,26,31,36,41,46,51,56)	19650	A	10%	17 690,00
EM800-RBBS4	Red-Blue quad Band Splitter LD800	26210	A	10%	23 590,00
EM800-RBBS2	Red-Blue dual Band Splitter LD800	13090	A	10%	11 790,00
EM800-CLBS2	C-L dual Band Splitter for LD800	13090	A	10%	11 790,00
EM800-CIN502	C-Band dual 50Ghz Interleaver for LD800.	13090	A	10%	11 790,00
Optical Amplifiers for LD400/800					
EM800-OAI	Optical In Line Amplifier for the Lambda Driver-800 with GFF	85260	A	10%	76 740,00
EM800-OAI25	Optical In Line Amplifier for the Lambda Driver-800 +17dbm output and 25db gain.	85260	A	10%	76 740,00
EM800-OAIM	Optical In Line Amplifier with Mid Stage for the Lambda Driver-800 +17dbm output	85260	A	10%	76 740,00
EM800-OAIM25	Optical In Line Amplifier with Mid Stage for the Lambda Driver-800 +17dbm output and 25db gain.	85260	A	10%	76 740,00
EM800-OAP	Optical Pre-Amplifier for the Lambda Driver-800 with GFF	78040	A	10%	70 240,00
EM800-OAP10	10dB Gain Optical Pre-Amplifier for the Lambda Driver-800.	69510	A	10%	62 560,00

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Valutakursen beräknad på 1 USD = 8 SEK.					
Artikelnummer	Benämning	Listpris	Rbt-typ	Rbt	Nettopris
EM800-OAPM	Optical Pre-Amplifier with Mid Stage for the Lambda Driver-800	81980	A	10%	73 790,00
EM800-OAB	Optical Booster Amplifier for the Lambda Driver-800 with GFF.	85260	A	10%	76 740,00
EM800-OABM	Optical Booster with Mid Stage Amplifier for the Lambda Driver-800.	89190	A	10%	80 280,00
EM800-SOAI	Single channel Optical In Line Amplifier for the Lambda Driver-800 +13dbm output	59020	A	10%	53 120,00
EM800-SOAIM	Single channel Optical In Line Amplifier with Mid Stage for the Lambda Driver-800 +13dbm output	62950	A	10%	56 660,00
EM800-SOAB	Single channel Optical Booster Amplifier for the Lambda Driver-800 with +18dbm output	65580	A	10%	59 030,00
EM800-SOAP	Single channel Optical Pre-Amplifier for the Lambda Driver-800.	59020	A	10%	53 120,00
EM800-SOAB13	Single channel Optical Booster Amplifier for the Lambda Driver-800 with +13dbm output	59020	A	10%	53 120,00
High Power Optical Amplifiers for LD400/800					
EM800-OAB22P	Optical Booster Amplifier for the Lambda Driver-800 with +22dbm output.	133370	A	10%	120 040,00
EM800-OAB22PM	Optical Booster with Mid Stage for the Lambda Driver-800 +22dbm output.	137370	A	10%	123 640,00

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Artikelnummer	Benämning	Listpris	Rbt-typ	Rbt	Nettopris
EM800-SOAB22P	Single channel Optical Booster Amplifier for the Lambda Driver-800 with +22dbm output and 20db gain.	118060	A	10%	106 260,00
EM800-OAI21P	Optical In Line Amplifier for the Lambda Driver-800 with +21dbm output.	133370	A	10%	120 040,00
EM800-OAI21PM	Optical In Line Amplifier with Mid Stage for the Lambda Driver-800 with +21dbm output.	137370	A	10%	123 640,00
	Optical Amplifiers, Tunable Dispersion Compensation LD400/800				
EM800-OABD	Optical Booster Amplifier with integrated tunable dispersion compensation for the Lambda Driver-800 +17dbm output.	131180	A	10%	118 070,00
EM800-OAID	Optical In Line Amplifier with integrated tunable dispersion compensation for the Lambda Driver-800 +17dbm output.	131180	A	10%	118 070,00
EM800-OAI25D	Optical In Line Amplifier with integrated tunable dispersion compensation for the Lambda Driver-800 (+17dbm output and 25db gain).	131180	A	10%	118 070,00
EM800-OAP10D	10dB Gain Optical Pre-Amplifier with integrated tunable dispersion compensation for the Lambda Driver-800.	115440	A	10%	103 900,00
	LD400 Platform				
LD400/AC	Lambda Driver-400, 5 slot Chassis for WDM with single AC power supply (90-240V AC)	8800	A	10%	7 920,00

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	Valutakursen beräknad på 1 USD = 8 SEK.				
Artikelnummer	Benämning	Listpris	Rbt- typ	Rbt	Nettopris
LD400/DC	Lambda Driver-400, 5 slot Chassis for WDM with single DC power supply (48V DC).	9190	A	10%	8 280,00
LD400RN/DC	Lambda Driver-400, NEBS certified, 5 slot Chassis with single DC power supply (48V DC).	12440	A	10%	11 200,00
LD400/2AC	Lambda Driver-400, 5 slot Chassis for WDM with dual AC power supply (90-240V AC).	10990	A	10%	9 900,00
LD400/2DC	Lambda Driver-400, 5 slot Chassis for WDM with dual DC power supply (48V DC).	11780	A	10%	10 610,00
LD400RN/2DC	Lambda Driver-400, NEBS certified, 5 slot Chassis with dual DC power supply (48V DC).	15030	A	10%	13 530,00
EM400-PS/AC	Redundant power supply for the LD400/AC (90-240V AC)	2200	A	10%	1 980,00
EM400-PS/DC	Redundant power supply for the LD400/DC (48V DC)	2600	A	10%	2 340,00
	Passive Chassis				
LDP300	3 slot passive unit for OADM's	2600	A	10%	2 340,00
LDP300L	One "long" and one "short" slots passive unit for OADM's.	2230	A	10%	2 010,00
LDP100	1 slot passive unit for OADM's	1570	A	10%	1 420,00
	Lambda Driver Modules				
	LD1600 DWDM Mux/DeMux Modules				

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Prislista - gäller från 2008-11-18					
Valutakursen beräknad på 1 USD = 8 SEK.					
Artikelnummer	Benämning	Listpris	Rbt- typ	Rbt	Nettopris
EM1600-MUX40	40 100G spacing wavelengths DWDM Multiplexer module for LD1600 (ch#20 to ch#59).	196780	A	10%	177 110,00
EM1600-DMUX40	40 100G spacing wavelengths DWDM Demultiplexer module for LD1600 (ch#20 to ch#59).	196780	A	10%	177 110,00
EM1600-MUX40L	40 100G spacing L-band wavelengths DWDM Multiplexer module for LD1600 (ch#70 to ch#09).	203350	A	10%	183 020,00
EM1600-DMUX40L	40 100G spacing L-band wavelengths DWDM Demultiplexer module for LD1600 (ch#70 to ch#09).	203350	A	10%	183 020,00
EM1600-MUX16	16 200G spacing wavelengths DWDM Multiplexer module for LD1600 (ch#21 to ch#57).	69510	A	10%	62 560,00
EM1600-DMUX16	16 200G spacing wavelengths DWDM Demultiplexer module for LD1600 (ch#21 to ch#57).	72140	A	10%	64 930,00
EM1600-MUX16R	16 100G spacing (ch #21 to ch #36) DWDM Multiplexer module for LD1600.	74760	A	10%	67 290,00
EM1600-DMUX16R	16 100G spacing (ch #21 to #36) DWDM Demultiplexer module for LD1600.	78700	A	10%	70 830,00
EM1600-MDMUX16R	16 100G spacing (ch #21 to #36) DWDM MUX and DeMUX module for LD1600.	122000	A	10%	109 800,00

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		Prislista - gäller från 2008-11-18			
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Artikelnummer	Benämning	Listpris	Rbt- typ	Rbt	Nettopris
EM1600-MUX16B	16 100G spacing (ch #43 to #58) DWDM Multiplexer module for LD1600 with band splitter.	78700	A	10%	70 830,00
EM1600-DMUX16B	16 100G spacing (ch #43 to #58) DWDM Demultiplexer module for LD1600 with band splitter.	82630	A	10%	74 370,00
EM1600-MDMUX16B	16 100G spacing (ch #43 to #58) DWDM MUX and DeMUX module for LD1600 with band splitter.	124620	A	10%	112 160,00
EM1600-MUX8R	8 200Ghz spacing wavelengths DWDM Multiplexer module for LD1600 (ch#21 to ch#35).	37390	A	10%	33 660,00
EM1600-DMUX8R	8 200Ghz spacing wavelengths DWDM Demultiplexer module for LD1600 (ch#21 to ch#35).	39360	A	10%	35 430,00
EM1600-MUX8B	8 200Ghz wavelengths DWDM Multiplexer module for LD1600 (ch#43 to ch#57) with band splitter	39360	A	10%	35 430,00
EM1600-DMUX8B	8 200Ghz wavelengths DWDM Demultiplexer module for LD1600 (ch#43 to ch#57) with band splitter.	41320	A	10%	37 190,00
EM1600-MDMUX8R	8 200Ghz spacing wavelengths (#21 - #35) DWDM MUX/DeMux module for LD1600.	62950	A	10%	56 660,00
EM1600-MDMUX8B	8 200Ghz spacing wavelengths (ch#43 to ch#57) DWDM MUX/DeMux module for LD1600.	65580	A	10%	59 030,00
LD 1600 Reconfigurable OADMs					

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	Prislista - gäller från 2008-11-18				
	Valutakursen beräknad på 1 USD = 8 SEK.				
Artikelnummer	Benämning	Listpris	Rbt- typ	Rbt	Nettopris
EM1600-ROADM40	40 ports Single side (East or West) ROADM for LD1600, dual long slot.	327990	A	10%	295 200,00
	ROADM Accessories				
CA-SMS-MPO/LC-1	F/O cable MPO to 10 LC 1 m, SM.	3290	A	10%	2 970,00
CA-SMS-MPO/MU-1	F/O cable MPO to 10 MU 1 m, SM.	3290	A	10%	2 970,00
CA-SMS-MPO-2	F/O cable MPO to MPO 2 m, SM.	2630	A	10%	2 370,00
	LD1600 CWDM Mux/DeMux Modules				
EM1600-MUX16C	16 wavelengths (1310-1610nm) CWDM Multiplexer module for LD1600.	43270	A	10%	38 950,00
EM1600-DMUX16C	16 wavelengths (1310-1610nm) CWDM Multiplexer module for LD1600.	45900	A	10%	41 310,00
EM1600-MUX8C	8 wavelengths (1470-1610nm) CWDM Multiplexer module for LD1600.	19650	A	10%	17 690,00
EM1600-DMUX8C	8 wavelengths (1470-1610nm) CWDM Demultiplexer module for LD1600.	19650	A	10%	17 690,00
EM1600-MDMUX8C	8 wavelengths (1470-1610nm) CWDM MUX/DEMUX module for LD1600.	39330	A	10%	35 400,00
	LD1600 CWDM SF OADM modules				

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	Prislista - gäller från 2008-11-18				
	Valutakursen beräknad på 1 USD = 8 SEK.				
Artikelnummer	Benämning	Listpris	Rbt- typ	Rbt	Nettopris
A6Cxx	1 wavelengths CWDM SF OADM module for LD1600	9160	A	10%	8 250,00
A6Cxx/yy	2 wavelengths CWDM SF OADM module for LD1600	11780	A	10%	10 610,00
A6Cxx/yy/zz	3 wavelengths CWDM SF OADM module for LD1600	16370	A	10%	14 740,00
A6Cxx/yy/zz/ww	4 wavelengths CWDM SF OADM module for LD1600	22280	A	10%	20 060,00
	LD1600 CWDM DF OADM modules				
A6CDxx	1 wavelengths CWDM DF OADM module for LD1600	7850	A	10%	7 070,00
A6CDxx/yy	2 wavelengths CWDM DF OADM module for LD1600	12440	A	10%	11 200,00
A6CDxx/yy/zz	3 wavelengths CWDM DF OADM module for LD1600	17030	A	10%	15 330,00
A6CDxx/yy/zz/ww	4 wavelengths CWDM DF OADM module for LD1600	22930	A	10%	20 640,00
	LD1600 DWDM SF OADM modules				
A6Dxx	1 wavelengths DWDM SF OADM module for LD1600	11130	A	10%	10 020,00
A6Dxx/yy	2 wavelengths DWDM SF OADM module for LD1600	22280	A	10%	20 060,00
A6Dxx/yy/zz	3 wavelengths DWDM SF OADM module for LD1600	32120	A	10%	28 910,00
A6Dxx/yy/zz/ww	4 wavelengths DWDM SF OADM module for LD1600	41330	A	10%	37 200,00
	LD1600 DWDM DF OADM modules				

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Artikelnummer	Benämning	Listpris	Rbt- typ	Rbt	Nettopris
A6DD8xx	8 Sequential wavelengths DWDM DF OADM module for LD1600 with xx=starting channel with express port. please refer to datasheet for possible wavelengths selection	78700	A	10%	70 830,00
A6DDxx	1 wavelengths DWDM DF OADM module for LD1600	11780	A	10%	10 610,00
A6DDxx/yy	2 wavelengths DWDM DF OADM module for LD1600	22930	A	10%	20 640,00
A6DDxx/yy/zz	3 wavelengths DWDM DF OADM module for LD1600	32780	A	10%	29 510,00
A6DDxx/yy/zz/ww	4 wavelengths DWDM DF OADM module for LD1600	41300	A	10%	37 170,00
LD800 CWDM SF OADM modules					
ADCxx	1 wavelengths CWDM SF OADM module for LD800	7190	A	10%	6 480,00
ADCxx/yy	2 wavelengths CWDM SF OADM module for LD800	11780	A	10%	10 610,00
ADCxx/yy/zz	3 wavelengths CWDM SF OADM module for LD800	16370	A	10%	14 740,00
ADCxx/yy/zz/ww	4 wavelengths CWDM SF OADM module for LD800	22280	A	10%	20 060,00
LD800 CWDM DF OADM modules					
ADCDxx	1 wavelengths CWDM DF OADM module for LD800	7850	A	10%	7 070,00
ADCDxx/yy	2 wavelengths CWDM DF OADM module for LD800	12440	A	10%	11 200,00
ADCDxx/yy/zz	3 wavelengths CWDM DF OADM module for LD800	17030	A	10%	15 330,00

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Artikelnummer	Benämning	Listpris	Rbt- typ	Rbt	Nettopris
ADCDxx/yy/zz/ww	4 wavelengths CWDM DF OADM module for LD800	22930	A	10%	20 640,00
LD800 DWDM SF OADM modules					
ADDxx	1 wavelengths DWDM SF OADM module for LD800	11130	A	10%	10 020,00
ADDxx/yy	2 wavelengths DWDM SF OADM module for LD800	22280	A	10%	20 060,00
ADDxx/yy/zz	3 wavelengths DWDM SF OADM module for LD800	32120	A	10%	28 910,00
ADDxx/yy/zz/ww	4 wavelengths DWDM SF OADM module for LD800	40650	A	10%	36 590,00
LD800 DWDM DF OADM modules					
ADDD8xx	8 Sequential wavelengths DWDM DF OADM module for LD800 with starting channel with Express port.please refer to datasheet for possible wavelengths selection	78700	A	10%	70 830,00
ADDDxx	1 wavelengths DWDM DF OADM module for LD800	11780	A	10%	10 610,00
ADDDxx/yy	2 wavelengths DWDM DF OADM module for LD800	22930	A	10%	20 640,00
ADDDxx/yy/zz	3 wavelengths DWDM DF OADM module for LD800	32780	A	10%	29 510,00
ADDDxx/yy/zz/ww	4 wavelengths DWDM DF OADM module for LD800	41300	A	10%	37 170,00
LD800 CWDM Mux/DeMux modules					
EM800-MUX16/CW	16 wavelengths (1310-1610nm) CWDM Multiplexer module for LD800.	42610	A	10%	38 350,00

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	Prislista - gäller från 2008-11-18				
	Valutakursen beräknad på 1 USD = 8 SEK.				
Artikelnummer	Benämning	Listpris	Rbt- typ	Rbt	Nettopris
EM800-DMUX16/CW	16 wavelengths (1310-1610nm) CWDM Demultiplexer module for LD800	42610	A	10%	38 350,00
EM800-MUX8/CW	8 wavelengths (1470-1610nm) CWDM Multiplexer module for LD800	19650	A	10%	17 690,00
EM800-DMUX8/CW	8 wavelengths (1470-1610nm) CWDM Demultiplexer module for LD800	19650	A	10%	17 690,00
EM800-MDUX8/CW	8 wavelengths (1470-1610nm) CWDM Mux/DMux module for LD800	39330	A	10%	35 400,00
	LD800 DWDM Mux/DeMux modules				
EM800-MUX8B	8 200Ghz spacing wavelengths (ch#43 to ch#57) DWDM Multiplexer module for LD800	39330	A	10%	35 400,00
EM800-DMUX8B	8 200Ghz spacing wavelengths (ch#43 to ch#57) DWDM Demultiplexer module for LD800	39330	A	10%	35 400,00
EM800-MUX8R	8 200Ghz spacing wavelengths (#21 - #35) DWDM Multiplexer module for LD800	39330	A	10%	35 400,00
EM800-DMUX8R	8 200Ghz spacing wavelengths (#21 - #35) DWDM Demultiplexer module for LD800	39330	A	10%	35 400,00
EM800-MDMUX8B	8 200Ghz spacing wavelengths (ch#43 to ch#57) DWDM MUX/DeMux module for LD800.	65580	A	10%	59 030,00

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Artikelnummer	Benämning	Listpris	Rbt- typ	Rbt	Nettopris
EM800-MDMUX8R	8 200Ghz spacing wavelengths (#21 - #35) DWDM MUX/DeMux module for LD800.	65580	A	10%	59 030,00
EM800-MUX16R	16 100G spacing (ch#21 - #36) DWDM Multiplexer module for LD800.	59020	A	10%	53 120,00
EM800-DMUX16R	16 100G spacing (ch#21 - #36) DWDM Demultiplexer module for LD800.	59020	A	10%	53 120,00
EM800-MUX16B	16 100G spacing (ch#43 to #58) DWDM Multiplexer module for LD800 with band splitter.	61640	A	10%	55 480,00
EM800-DMUX16B	16 100G spacing (ch#43 to #58) DWDM Demultiplexer module for LD800 with band splitter.	61640	A	10%	55 480,00
SFP Access port Transponder Modules					
TM2-SFP	SFP based, any rate (8Mbps - 4Gbps) dual transponder.	13090	A	10%	11 790,00
4 Gbps DWDM Transponder Modules					
TM2-SFP4G	SFP based, 1/2/4Gbps FC dual transponder.	13090	A	10%	11 790,00
10Gbps XFP based Transponder					
TM2-XFP	XFP Access and Line ports, 10Gbps dual transponder , "short" slot size.	26210	A	10%	23 590,00
10Gbps Transponders					

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Artikelnummer	Benämning	Listpris	Rbt- typ	Rbt	Nettopris
TM-DXFP4/xx	XFP Access port, 10GE DWDM ch #xx transponder up 40Km distance	111500	A	10%	100 350,00
TM-DXFP8/xx	XFP Access port, 10GE DWDM ch #xx transponder up 80Km distance	131180	A	10%	118 070,00
TM-DXFP8T	XFP Access port, 10GE DWDM transponder up 80Km distance with tunable wavelength.	131180	A	10%	118 070,00
TM-DXFP16T	XFP Access port, 10GE DWDM transponder up 160Km distance with tunable wavelength.	190230	A	10%	171 210,00
	10 Gbps FEC DWDM Transponder Modules				
TM-6DXFPF8/xx	XFP Access port, 10GE FEC DWDM ch #xx transponder up 80Km distance, "long" slot size.	150860	A	10%	135 780,00
TM-6DXFPF8T	XFP Access port, 10GE FEC DWDM tunable wave transponder up 80Km distance, "long" slot size.	150860	A	10%	135 780,00
	10GE LAN to WAN Converter				
TM-6DXFPC8/xx	XFP Access port, 10GE LAN to WAN DWDM ch # xx transponder up 80Km distance, "long" slot size.	150860	A	10%	135 780,00
TM-6DXFPC8T	XFP Access port, 10GE LAN to WAN DWDM tunable wave transponder up 80Km distance, "long" slot size.	150860	A	10%	135 780,00
	10Gbps XFP Cross-Connect Transponders				

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Priser VERVA, Alcadon					
Prislista - gäller från 2008-11-18					
Valutakursen beräknad på 1 USD = 8 SEK.					
Artikelnummer	Benämning	Listpris	Rbt- typ	Rbt	Nettopris
EM1600-4CC10G	4 x XFP ports Cross-Connect transponder for LD1600.	26210	A	10%	23 590,00
EM1600-8CC10G	8 x XFP ports Cross-Connect transponder for LD1600.	45900	A	10%	41 310,00
TDM Multiplexer modules					
4 x ESCON TDM Modules					
EM2009-EM4	4 ESCON TDM Multiplexer with SFP interfaces.	17030	A	10%	15 330,00
4/8 x FE TDM Modules					
EM2009-FXM4/P	4 FE SFP ports TDM Multiplexer channel card with SFP trunk interface	19650	A	10%	17 690,00
EM2009-FTXM4/P	4 10/100BaseTX ports TDM Multiplexer channel card with SFP trunk interface.	21620	A	10%	19 460,00
EM2009-FETXM4/P	4 100BaseTX ports with LIN TDM Multiplexer channel card with SFP trunk interface.	21620	A	10%	19 460,00
EM2009-FXM8/P	8 FE SFP ports TDM Multiplexer channel card with SFP trunk interface.	30810	A	10%	27 730,00
EM2009-FETXM8/P	8 100BaseTX ports with LIN TDM Multiplexer channel card with SFP trunk interface.	32780	A	10%	29 510,00
EM2009-FTXM8/P	8 10/100BaseTX ports TDM Multiplexer channel card with SFP trunk interface	32780	A	10%	29 510,00
4/8 x STM1/4 TDM Modules					

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Artikelnummer	Benämning	Listpris	Rbt- typ	Rbt	Nettopris
EM2009-OCM4	4 OC3/OC12 ports TDM Multiplexer channel card with SFP interfaces.	32780	A	10%	29 510,00
EM2009-OCM8	8 OC3/OC12 ports TDM Multiplexer channel card with SFP interfaces	52460	A	10%	47 220,00
E3/DS3 and GE TDM Modules					
EM2009-DSGM	DS3 and one GE port TDM Multiplexer with SFP's.	19650	A	10%	17 690,00
EM2009-E3GM	E3 and one GE port TDM Multiplexer with SFP	19650	A	10%	17 690,00
E1/T1 and GE TDM Modules					
EM2009-E8GM	8 E1 ports and one GE port TDM Multiplexer with SFP's	19650	A	10%	17 690,00
EM2009-T8GM	8 T1 ports and one GE port TDM Multiplexer with SFP's	19650	A	10%	17 690,00
CA-RJ48-4-2	UTP cable with 4 RJ-48 connectors, Use with EM2009-E8GEM module with 2m length.	1190	A	10%	1 080,00
CA-RJ48-4-05	UTP cable with 4 RJ-48 connectors, Use with EM2009-E8GEM module with 0.5m length.	1190	A	10%	1 080,00
CA-RJ48-R-4J-2	UTP cable with 4 RJ-48 connectors and one RJ45 (Serial port), Use with EM2009-E8GEM module with 2m length.	1190	A	10%	1 080,00
CA-RJ48-4-RJ-05	UTP cable with 4 RJ-48 connectors and one RJ45 (Serial port), Use with EM2009-E8GEM module with 0.5m length.	1190	A	10%	1 080,00

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Artikelnummer	Benämning	Listpris	Rbt- typ	Rbt	Nettopris
	2 x Gbps TDM Modules				
EM2009-GM2	2 GE ports TDM Multiplexer channel card with SFP receptacles	19650	A	10%	17 690,00
	8 x 1000BaseTX TDM Mux				
TM-GM8CD4/xx	8 x 1000BaseTx TDM module with DWDM 40km ch#xx trunk.	95100	A	10%	85 590,00
TM-GM8CD/xx	8 x 1000BaseTx TDM module with DWDM 80km ch#xx trunk.	108220	A	10%	97 400,00
TM-GM8CD16T	8 x 1000BaseTx TDM module with DWDM 80km trunk with tunable wavelength.	108220	A	10%	97 400,00
TM-GM8CD8T	8 x 1000BaseTx TDM module with DWDM 160km trunk with tunable wavelength.	167260	A	10%	150 540,00
	8 x GE TDM Mux				
TM-GM8D4/xx	8 x GE TDM module with DWDM 40km ch#xx trunk.	91820	A	10%	82 640,00
TM-GM8D/xx	8 x GE TDM module with DWDM 80km ch#xx trunk.	104940	A	10%	94 450,00
TM-GM8D8T	8 x GE TDM module with DWDM 80km trunk with tunable wavelength.	104940	A	10%	94 450,00
TM-GM8D16T	8 x GE TDM module with DWDM 160km trunk with tunable wavelength.	163980	A	10%	147 590,00
	4 x OC48 TDM Mux				
TM-OCM48D4/xx	4 X OC48/STM16 DWDM muxponder at ch#xx up to 40km.	183660	A	10%	165 300,00

fiberdata	Priser VERVA, Alcadon				
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Artikelnummer	Benämning	Listpris	Rbt- typ	Rbt	Nettopris
TM-OCM48D/xx	4 X OC48/STM16 DWDM muxponder at ch#xx up to 80km.	196780	A	10%	177 110,00
TM-OCM48D8T	4 X OC48/STM16 DWDM muxponder 80km trunk with tunable wavelength.	197440	A	10%	177 700,00
TM-OCM48D16T	4 X OC48/STM16 DWDM muxponder 160km trunk with tunable wavelength.	255830	A	10%	230 250,00
	4 x FC2 TDM Mux				
TM-FC2M4D4/xx	4 X FC2 DWDM muxponder at ch#xx up to 40km.	209910	A	10%	188 920,00
TM-FC2M4D/xx	4 X FC2 DWDM muxponder at ch#xx up to 80km.	223030	A	10%	200 730,00
TM-FC2M4D8T	4 X FC2 DWDM muxponder with tunable wavelength up to 80km.	223030	A	10%	200 730,00
	Dual E&M over GE				
EM2009-2EAM	2 x Analog E&M Voice and 2 x Dry Contact over GE SFP uplink.	13090	A	10%	11 790,00
CA-DB9-RJ45-01	UTP Category 5 cable with RJ-45 (male) and DB9 (female) connectors, 10cm.	197	A	10%	178,00
	Accessories				
EM1600/OP-BLANK	LD1600 Optional Modules Blank panel	197	A	10%	178,00
EM1600/TR-BLANK	LD1600 Transponder Module Blank panel	197	A	10%	178,00

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Prislista - gäller från 2008-11-18					
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Artikelnummer	Benämning	Listpris	Rbt- typ	Rbt	Nettopris
EM800/TR-BLANK	LD800 Transponder Module Blank panel	197	A	10%	178,00
LD1600RMB23	23" Rack Mount Brackets for LD1600 Chassis	657	A	10%	592,00
LD800RMB23	23" Rack Mount Bracket for LD800 Chassis	657	A	10%	592,00
LD400RMB23	23" Rack Mount Bracket for LD400 Chassis	657	A	10%	592,00
LD1600RMB21	21" Rack Mount Brackets for LD1600 Chassis	657	A	10%	592,00
LD800RMB21	21" Rack Mount Bracket for LD800 Chassis	657	A	10%	592,00
LD400RMB21	21" Rack Mount Bracket for LD400 Chassis	657	A	10%	592,00
	F/O cables				
CA-SMD-SC/SC-5	Duplex F/O cable SC-SC, 5m, SM	657	A	10%	592,00
CA-SMS-SC/SC-1	F/O cable SC-SC 1 m, SM	329	A	10%	297,00
CA-SMS-SC/SC065	F/O cable SC-SC 0.65 m, SM.	526	A	10%	474,00
CA-SMS-SC/SC-3	F/O cable SC-SC 3 m, SM.	329	A	10%	297,00
CA-SMS-SC/SC-5	F/O cable SC-SC 5 m, SM.	329	A	10%	297,00
CA-S-SC/SC/AP-1	F/O cable SC/UPC-SC/APC 1 m, SM	329	A	10%	297,00

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Artikelnummer	Benämning	Listpris	Rbt- typ	Rbt	Nettopris
CA-SMS-MU/MU-06	F/O cable MU-MU 65 cm, SM	329	A	10%	297,00
CA-SMS-MU/MU-1	F/O cable MU-MU 1 m, SM	329	A	10%	297,00
CA-MM6S-MU/MU-06	F/O cable MU-MU 65 cm, MM 62.5/125	329	A	10%	297,00
CA-SMS-SC/MU-1	F/O cable SC-MU 1 m, SM.	329	A	10%	297,00
CA-SMS-SC/MU-5	F/O cable SC-MU 5 m, SM	657	A	10%	592,00
CA-SMS-LC/MU-06	F/O cable LC-MU 65 cm, SM	329	A	10%	297,00
CA-SMS-LC/LC-06	F/O cable LC-LC 65 cm, SM	426	A	10%	384,00
CA-SMS-LC/LC-1	F/O cable LC-LC 1 m, SM.	426	A	10%	384,00
CA-SMS-LC/LC-5	F/O cable LC-LC 5 m, SM.	426	A	10%	384,00
CA-SMS-LC/SC-5	F/O cable LC-SC 5 m, SM	426	A	10%	384,00
CA-MMY-LC/SC-1	F/O Y cable LC to SC 1 m, MM 62.5/125	854	A	10%	769,00
CA-MMY-LC/LC-1	F/O Y cable LC to LC 1 m, MM 62.5/125	854	A	10%	769,00
CA-SMY-LC/LC-1	F/O Y cable LC to LC 1 m, SM	854	A	10%	769,00
CA-SMY-SC/SC-1	F/O Y cable SC to SC 1 m, SM	984	A	10%	886,00

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Valutakursen beräknad på 1 USD = 8 SEK.					
Artikelnummer	Benämning	Listpris	Rbt- typ	Rbt	Nettopris
CA-MMY-SC/SC-1	F/O Y cable SC to SC 1 m, MM 62.5/125	984	A	10%	886,00
CA-SMS-LC/MU-1	F/O cable LC-MU 1 m, SM	335	A	10%	302,00
CA-SMS-LC/MU-5	F/O cable LC-MU 5 m, SM	335	A	10%	302,00
CA-SMS-SC/MU-06	F/O cable SC-MU 65 cm, SM	335	A	10%	302,00
CA-SMY-LC/SC-1	F/O Y cable LC to SC 1 m, SM	1340	A	10%	1 210,00
	Attenuators				
AT-5SC/SC	5dB attenuator UPC SC/SC connectors	526	A	10%	474,00
AT-10SC/SC	10dB attenuator UPC SC/SC connectors	526	A	10%	474,00
AT-15SC/SC	15dB attenuator UPC SC/SC connectors	526	A	10%	474,00
AT-20SC/SC	20dB attenuator UPC SC/SC connectors	526	A	10%	474,00
AT-5LC/LC	5dB attenuator UPC LC/LC connector	526	A	10%	474,00
AT-10LC/LC	10dB attenuator UPC LC/LC connectors	526	A	10%	474,00
AT-15LC/LC	15dB attenuator UPC LC/LC connectors	526	A	10%	474,00
AT-20LC/LC	20dB attenuator UPC LC/LC connectors	526	A	10%	474,00

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Artikelnummer	Benämning	Listpris	Rbt- typ	Rbt	Nettopris
AT-5MU/MU	5dB attenuator UPC MU/MU connectors	526	A	10%	474,00
AT-10MU/MU	10dB attenuator UPC MU/MU connectors	526	A	10%	474,00
AT-15MU/MU	15dB attenuator UPC MU/MU connectors	526	A	10%	474,00
AT-20MU/MU	20dB attenuator UPC MU/MU connectors	526	A	10%	474,00
AT-T35SC/SC	Tunable attenuator 1.5-35dB UPC SC/SC connectors	1120	A	10%	1 010,00
ATK-5MU/MU	5dB attenuator Kit with MU/MU jumper and adapter (AD-SMD-MU/MU+AT-5MU/MU + CA-SMS-MU/MU-06).	1020	A	10%	918,00
ATK-10MU/MU	10dB attenuator Kit with MU/MU jumper and adapter (AD-SMD-MU/MU+AT-10MU/MU + CA-SMS-MU/MU-06).	1020	A	10%	918,00
ATK-15MU/MU	15dB attenuator Kit with MU/MU jumper and adapter (AD-SMD-MU/MU+AT-15MU/MU + CA-SMS-MU/MU-06).	1020	A	10%	918,00
ATK-20MU/MU	20dB attenuator Kit with MU/MU jumper and adapter (AD-SMD-MU/MU+AT-20MU/MU + CA-SMS-MU/MU-06).	1020	A	10%	918,00
	Notes				
	* xx represents ITU Grid channel number from 21 (1560.61nm) to 51 (1536.61nm), expect for channels 37 to 43, with 200Ghz spacing only odd channels are used - 21,23,25. . .				

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Artikelnummer	Benämning	Listpris	Rbt- typ	Rbt	Nettopris
	** xx represents the two middle digits of the wavelength : "31" - 1310nm, "33" - 1330nm, "35" - 1350nm, "37" - 1370nm, "39" - 1390nm, "41" - 1410nm, "43" - 1430nm, "45" - 1450nm, "47" - 1470nm, "49" - 1490nm, "51" - 1510nm, "53" - 1530nm. "55" - 1550nm, "57" - 1570nm, "59" - 1590, "61" - 1610nm				
	*** xx,yy,zz,ww represents the two middle digits of the wavelength according to Notes 1&2				
	WDM Fiber Driver				
	Pluggable Optical Transponder Modules				
Pluggable Transponder Chassis	The Pluggable Media Chassis of the Fiber Driver provides a high density solution of multi-rate, multi-function WDM Transponders. They include the NC316-XPR-32-2Rxx, the NC316-XPR32-3Rxx, NC316-XP34-3NX, NC316-XP32NX, and NC316-72/144/288PMC. Please refer to the Fiber-Driver Media Connect Systems Section for these product details.		0 A	10%	0,00
Pluggable Transponder Modules	The Pluggable Optical Modules of the Fiber Driver provide a multi-rate, multi-function WDM Transponder functionality. They include the EM316DMR3G-3R, EM3162SFP, and the EM316-2XFP. Please refer to the Fiber-Driver Pluggable Modules Section.		0 A	10%	0,00
	Optical Switch				
EM316OSSH	Wide Band Optical Switch, Self Healing, 1270-1610nm	17680	A	10%	15 920,00
	EDFA Optical Amplifier				

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Artikelnummer	Benämning	Listpris	Rbt- typ	Rbt	Nettopris
EM316EDFA-BR	EDFA Optical Booster Amplifier , Protocol Independent, C -band, 1529 -1565nm, 18dBm Saturated Output Power, SC connectors.	86680	A	10%	78 020,00
EM316EDFA-LPR	EDFA Optical InLine/PreAmplifier Amplifier , Protocol Independent, C -band, 1529 -1565nm, 18dBm Saturated Output Power, SC connectors.	86680	A	10%	78 020,00
	Dispersion Compensation Modules				
EM316DCM100	SMF28 slope matched 100km multi-channel C-Band Chromatic DCM Dispersion Compensation Module.	66670	A	10%	60 010,00
EM316DCM60	SMF28 slope matched 60km multi-channel C-Band Chromatic DCM Dispersion Compensation Module.	64000	A	10%	57 600,00
	Pre-Configured WDM (Wave Division Multiplexer)				
	Passive Wide WDM				
EM316WP/53S	Protocol Independent Two Wavelength Passive WDM, SM; (SC), 1310/1550nm	5970	A	10%	5 380,00
EM316WP/5155	Protocol Independent Single Fiber TX:1510: RX:1550nm, Single Mode with SC Connectors	5970	A	10%	5 380,00
EM316PLC/5559	Protocol Independent Single Fiber TX:1550, RX:1590nm, Single Mode with LC/SC Connectors	5970	A	10%	5 380,00
EM316PSC/5559	Protocol Independent Single Fiber TX:1550, RX:1590nm, Single Mode with SC Connectors	5970	A	10%	5 380,00

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Artikelnummer	Benämning	Listpris	Rbt-typ	Rbt	Nettopris
EM316WP2/53S	Protocol Independent 2-Passive Two Wavelength Passive WDM 1310\1550, Single Mode; Dual Fiber	8640	A	10%	7 780,00
EM316WP2/5155	Protocol Independent Single Fiber TX:1510, RX:1550nm, Single Mode with SC Connectors; Dual Fiber	8640	A	10%	7 780,00
EM316WP2/5961	Protocol Independent Single Fiber TX:1590, RX:1610nm, Single Mode with SC Connectors; Dual Fiber	8640	A	10%	7 780,00
	Chassis				
NC316BU4PMC/NP	Non-managed, non-powered 4-slot Chassis for Fiber Driver Passive Mux/Demux Modules.	2640	A	10%	2 380,00
NC316BU-16/NP	Non-managed, non-powered 16-slot chassis (Three single slot and two four slot blank panels included).	3640	A	10%	3 280,00
	Fiber Driver: Modular WDM				
	Passive MUX / DMUX Modules				
EM316PAMULC41	One-SLOT Passive Mux\Dmux with 4-MU Port connectors, LC Dual Fiber Trunk Connector. Wavelength 1470 -1530nm. (Includes MU to LC Cables, 12", SM).	21680	A	10%	19 520,00
EM316PAMULC42	One-SLOT Passive Mux\Dmux with 4-MU Port connectors, Dual Fiber, LC Dual Fiber Trunk Connector. Wavelength 1550 -1610nm. (Includes MU to LC Cables, 12", SM).	21680	A	10%	19 520,00

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Artikelnummer	Benämning	Listpris	Rbt- typ	Rbt	Nettopris
EM316PAMULC41N	One-SLOT Passive Mux\Dmux with 4-MU Port connectors, LC Dual Fiber Trunk Connector. Wavelength 1470 -1530nm with 1310nm Optical Service Channel. (Includes MU to LC Cables, 12", SM).	28350	A	10%	25 520,00
EM316PAMULC42N	One-SLOT Passive Mux\Dmux with 4-MU Port connectors, LC Dual Fiber Trunk Connector. Wavelength 1550-1610nm with 1310nm Optical Service Channel. (Includes MU to LC Cables, 12", SM).	28350	A	10%	25 520,00
EM316PAMULC8	One-SLOT Passive Mux\Dmux with 8-MU Port connectors, LC Trunk Connector. Wavelength 1470,1490, 1510,1530,1550,1570, 1590,1610nm. (Includes MU to LC Cables, 12", SM).	43360	A	10%	39 030,00
EM316PAMULC8N	One-SLOT Passive Mux\Dmux with 8-MU Port connectors, LC Trunk Connector. Wavelength 1470,1490,1510,1530,1550,1570,1590,1610nm with 1310nm Optical Service Channel. (Includes MU to LC Cables, 12", SM).	50030	A	10%	45 030,00
EM316PAMUSCM41	One-SLOT Passive Mux with 4-MU port Connectors, SC Single Fiber Trunk Connector. Wavelength 1470-1530nm. (Includes MU to LC Cables, 12", SM).	11680	A	10%	10 520,00
EM316PAMUSCD41	One-SLOT Passive Dmux with 4-MU port Connectors, SC Single Fiber Trunk Connector. Wavelength 1470 - 1530nm. (Includes MU to LC Cables, 12", SM).	11680	A	10%	10 520,00

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Artikelnummer	Benämning	Listpris	Rbt-typ	Rbt	Nettopris
EM316PAMUSCM42	One-SLOT Passive Mux with 4-MU port Connectors, SC Single Fiber Trunk Connector. Wavelength 1550 - 1610nm. (Includes MU to LC Cables, 12", SM).	11680	A	10%	10 520,00
EM316PAMUSCD42	One-SLOT Passive Dmux with 4-MU port Connectors, SC Single Fiber Trunk Connector. Wavelength 1550 -1610nm. (Includes MU to LC Cables, 12", SM).	11680	A	10%	10 520,00
EM316PAMUSCM8	One-SLOT Passive Mux with 8-MU Port connectors, Single Fiber, SC Connector Trunk, Wavelength 1470-1610nm. (Includes MU to LC Cables, 12", SM).	21680	A	10%	19 520,00
EM316PAMUSCD8	One-SLOT Passive Dmux with 8-MU Port Connectors, Single Fiber, SC Connector Trunk, Wavelength 1470-1610nm. (Includes MU to LC Cables, 12", SM).	21680	A	10%	19 520,00
EM316MUXMUSC16	One-SLOT Passive Mux with 16-MU Port connectors, Single Fiber, SC Connector Trunk. Wavelength 1310-1610nm. (Includes MU to LC Cables, 12", SM).	43360	A	10%	39 030,00
EM316DMUXMUSC16	One-SLOT Passive Dmux with 16-MU Port connectors, Single Fiber, SC Connector Trunk. Wavelength 1310-1610nm. (Includes MU to LC Cables, 12", SM).	43360	A	10%	39 030,00
EM316MUX41N315B	One-SLOT Passive Mux Single Fiber MU Connectors, 1470-1530nm and dual bi-directional OSC 1310/1350nm. (Includes MU to LC Cables, 12", SM).	17010	A	10%	15 310,00

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		Valutakursen beräknad på 1 USD = 8 SEK.			
Artikelnummer	Benämning	Listpris	Rbt- typ	Rbt	Nettopris
EM316DMX41N315B	One-SLOT Passive Dmux Single Fiber MU Connectors, 1470-1530nm and dual bi-directional OSC 1310/1350nm. (Includes MU to LC Cables, 12", SM).	17010	A	10%	15 310,00
EM316MUX42N315B	One-SLOT Passive Mux Single Fiber MU Connectors, 1550-1610nm and dual bi-directional OSC 1310/1350nm. (Includes MU to LC Cables, 12", SM).	17010	A	10%	15 310,00
EM316DMX42N315B	One-Slot Passive Dmux Single Fiber MU Connectors, 1550-1610nm and dual bi-directional OSC 1310/135nm. (Includes MU to LC Cables, 12", SM).	17010	A	10%	15 310,00
EM316MUX8N315BD	One-SLOT Passive Mux Single Fiber MU Connectors. Wavelength 1470-1610nm. Bi-directional OSC 1310/1350nm. (Includes MU to LC Cables, 12", SM).	28350	A	10%	25 520,00
EM316DMX8N315BD	One-SLOT Passive Dmux Single Fiber MU Connectors. Wavelength 1470-1610nm. Bi-directional OSC 1310/1350nm. (Includes MU to LC Cables, 12", SM).	28350	A	10%	25 520,00
CWDM OADM Modules					
CWDM Single Sided OADM Module, DF Drop/Insert DF, Trunk/Express					
EM316OSC/xx	Optical Service Channel Module, Dual Fiber, (XX=Wavelength) LC Connectors. (Includes MU to LC Cables, 12", SM).	8640	A	10%	7 780,00

fiberdata					
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Artikelnummer	Benämning	Listpris	Rbt- typ	Rbt	Nettopris
EM316PAD-xx	1- Channel Add/Drop Module Dual Fiber (XX=Wavelength). (Includes MU to LC Cables, 12", SM).	9310	A	10%	8 380,00
EM316PAD-xyy	2-Channel Add/Drop Module Dual Fiber (XXYY=Wavelength). (Includes MU to LC Cables, 12", SM).	13310	A	10%	11 980,00
EM316PADM41-MU	4-Channel Add/Drop Module Dual Fiber 1470-1530nm. (Includes MU to LC Cables, 12", SM).	23320	A	10%	20 990,00
EM316PADM42-MU	4-Channel Add/Drop Module Dual Fiber 1550-1610nm. (Includes MU to LC Cables, 12", SM).	23320	A	10%	20 990,00
EM316PADM8	8-Channel Add/Drop Module Dual Fiber 1470-1610nm. (Includes MU to LC Cables, 12", SM).	46660	A	10%	42 000,00
	CWDM Dual Sided OADM Module, DF Drop/Insert Channel DF Trunk/Exp				
EM316CDADDxx	Dual Fiber Add/Drop Module, East/West 1 Channel (XX=Wavelength). (Includes MU to LC Cables, 12", SM).	13310	A	10%	11 980,00
EM316CDADDxyy	Dual Fiber Add/Drop Module, East/West 2 Channel (XX=Wavelength). (Includes MU to LC Cables, 12", SM).	23320	A	10%	20 990,00
	CWDM Single Sided DF Drop/Insert Channel, SF Trunk/Express				

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Artikelnummer	Benämning	Listpris	Rbt- typ	Rbt	Nettopris
EM316CSADSxx	Single Fiber Add/Drop Module, MU Connector, East or West, 1 channel/ 2 consecutive wavelengths starting xx. (Includes MU to LC Cables, 12", SM).	9310	A	10%	8 380,00
EM316CSADSxxyy	Single Fiber Add/Drop Module, MU Connector, East or West, 2 channel/4 wavelengths each channel consecutive wavelengths starting at xx or yy. (Includes MU to LC Cables, 12", SM).	23320	A	10%	20 990,00
EM316CSADS4xx	Single Fiber Add/Drop Module, Single Fiber, East or West 4 Channel/ 8 wavelengths each channel consecutive wavelengths starting at 1470nm. (Includes MU to LC Cables, 12", SM).	23320	A	10%	20 990,00
		CWDM Dual Sided OADM Module, DF Drop/Insert Channel SF Trunk/Exp			
EM316CSADDxx	Single Fiber Add/Drop Module, East/West 1 channel/ 2consecutive wavelength starting xx. (Includes MU to LC Cables, 12", SM).	13310	A	10%	11 980,00
EM316CSADDxxyy	Single Fiber Add/Drop Module, MU Connector, East/West 2 channel/4 wavelength each channel consecutive wavelengths starting at xx or yy. (Includes MU to LC Cables, 12", SM).	23320	A	10%	20 990,00
		Add / Drop Modules			
EM316PADMS/xx	Passive Star Add/Drop module with 2-LC and 1-DSC connectors. XX Represents the Wavelength. (Includes MU to LC Cables, 12", SM).	12010	A	10%	10 810,00

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Artikelnummer	Benämning	Listpris	Rbt- typ	Rbt	Nettopris
EM316SOSCB/3135	Single Fiber OSC Add/Drop Modules, East or West, 1 channel/ 2 wavelengths 1310/1350. (Includes MU to LC Cables, 12", SM).	9310	A	10%	8 380,00
WDM Patch Cables					
Add/Drop Multiplexers					
ADCP-xx	Single channel DSC Pluggable OADM at xx* CWDM wavelength with SC connectors. (Includes MU to LC Cables, 12", SM).	13310	A	10%	11 980,00
PADMSYY/xx	CWDM OADM Uni-directional Cable. YY=Conn type MU, SC, LC. XX=Wavelength. (Includes MU to LC Cables, 12", SM).	3970	A	10%	3 580,00
Splitter Combiner					
PASCLCAS/3S	Cable Fiber Optic, Splitter/Combiner, w/cable assembly LC-SC/APC, 1310nm, SM. (Includes MU to LC Cables, 12", SM).	3010	A	10%	2 710,00
PASCLCAS/5S	Cable Fiber Optic, Splitter/Combiner, w/cable assembly LC-SC/APC, 1550nm, SM. (Includes MU to LC Cables, 12", SM).	3310	A	10%	2 980,00
PASCSCAS/3S	Cable Fiber Optic, Splitter Combiner w/cable assembly, SC-SC/APC, 1310nm, SM. (Includes MU to LC Cables, 12", SM).	3010	A	10%	2 710,00
PASCSCAS/5S	Cable Fiber Optic, Splitter Combiner w/cable assembly, SC-SC/APC, 1550nm, SM. (Includes MU to LC Cables, 12", SM).	3310	A	10%	2 980,00
2 Wavelength CWDM					

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PAWLCSC/xxyy	Cable, Protocol Independent Single Fiber TX:xx, RX:yy nm, SC-common port, LC-add/drop & reflect port; xx/yy are CWDM ITU-T. (Includes MU to LC Cables, 12", SM).	3010	A	10%	2 710,00
PAWSC/xxyy	Cable, Protocol Independent Single Fiber TX:xx,RX:yy nm, SC Connectors; xx/yy are CWDM ITU-T. (Includes MU to LC Cables, 12", SM).	3010	A	10%	2 710,00
2 Wavelength DWDM					
PADWLCSC/xxyy	Cable, Protocol Independent Single Fiber TX:xx, RX:yy nm, SC-common port, LC-add/drop & reflect port; xx/yy are DWDM ITU-T. (Includes MU to LC Cables, 12", SM).	3670	A	10%	3 310,00
PADWSC/xxyy	Cable, Protocol Independent Single Fiber TX:xx,RX:yy nm, SC Connectors; xx/yy are DWDM ITU-T. (Includes MU to LC Cables, 12", SM).	3670	A	10%	3 310,00
Modular DWDM					
DWDM Mux/Dmux					
EM316DWMX8-R1	One Slot, 8-Channel DWDM Mux. Red Channels #21-28. MU Port Connectors and SC Trunk. (Includes MU to LC Cables, 12", SM).	39990	A	10%	36 000,00
EM316DWDMX8-R1	One Slot, 8-Channel DWDM Dmux. Red Channels #21-28. MU Port Connectors and SC Trunk. (Includes MU to LC Cables, 12", SM).	39990	A	10%	36 000,00

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Artikelnummer	Benämning	Listpris	Rbt-typ	Rbt	Nettopris
EM316DWMX8-R2	One Slot, 8-Channel DWDM Mux. Red Channels #29-36. MU Port Connectors and SC trunk. (Includes MU to LC Cables, 12", SM).	39990	A	10%	36 000,00
EM316DWDMX8-R2	One Slot, 8-Channel DWDM Dmux. Red Channels #29-36. MU Port Connectors and SC trunk. (Includes MU to LC Cables, 12", SM).	39990	A	10%	36 000,00
EM316DWDMX8-R2B	One Slot, 8-Channel DWDM Mux. Red Channels #29-36, with band splitter. MU Port Connectors and dual MU trunk/expansion. (Includes MU to LC Cables, 12", SM).	39990	A	10%	36 000,00
EM316DWMX8-R2B	One Slot, 8-Channel DWDM Mux. Red Channels #29-36, with band splitter. MU Port Connectors and dual MU trunk/expansion. (Includes MU to LC Cables, 12", SM).	39990	A	10%	36 000,00
EM316DWMX8	One Slot, 8-Channel DWDM Mux. Red Channels #31-38. MU Port connectors and SC expansion. (Includes MU to LC Cables, 12", SM).	39990	A	10%	36 000,00
EM316DWDMX8	One Slot, 8-Channel DWDM Dmux. Red Channels #31-38. MU Port Connectors and SC trunk. (Includes MU to LC Cables, 12", SM).	39990	A	10%	36 000,00
EM316DWMX8-CW5	One Slot, 8-Channel DWDM Mux. Red Channels #31-38, for hybrid CWDM 1550 nm; MU Port Connectors and SC trunk. (Includes MU to LC Cables, 12", SM).	39990	A	10%	36 000,00

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Artikelnummer	Benämning	Listpris	Rbt- typ	Rbt	Nettopris
EM316DWDMX8-CW5	One Slot, 8-Channel DWDM DMux. Red Channels #31-38, for hybrid CWDM 1550 nm; MU Port Connectors and SC trunk. (Includes MU to LC Cables, 12", SM).	39990	A	10%	36 000,00
EM316DWMX8-B1	One Slot, 8-Channel DWDM Mux. Blue Channels #43-50 MU Port Connectors and SC Trunk. (Includes MU to LC Cables, 12", SM).	39990	A	10%	36 000,00
EM316DWDMX8-B1	One Slot, 8-Channel DWDM Dmux. Blue Channels #43-50. MU Port Connectors and SC Trunk. (Includes MU to LC Cables, 12", SM).	39990	A	10%	36 000,00
EM316DWMX8-B2B	One Slot, 8-Channel DWDM Mux. Blue Channels #51-58, with band splitter. MU Port Connectors and dual MU trunk/expansion. (Includes MU to LC Cables, 12", SM).	39990	A	10%	36 000,00
EM316DWDMX8-B2B	One Slot, 8-Channel DWDM Dmux. Blue Channels #51-58, with band splitter. MU Port Connectors and dual MU trunk/expansion. (Includes MU to LC Cables, 12", SM).	39990	A	10%	36 000,00
EM316DWMX8-CW3	One Slot, 8-Channel DWDM Mux. Blue Channels #56-63, for hybrid CWDM 1530 nm; MU Port Connectors and SC expansion trunk. (Includes MU to LC Cables, 12", SM).	39990	A	10%	36 000,00
EM316DWDMX8-CW3	One Slot, 8-Channel DWDM DMux. Blue Channels #56-63, for hybrid CWDM 1530 nm; MU Port Connectors and SC expansion trunk. (Includes MU to LC Cables, 12", SM).	39990	A	10%	36 000,00

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Artikelnummer	Benämning	Listpris	Rbt- typ	Rbt	Nettopris
EM316DWMUX16-R	One Slot, 16-Channel DWDM Mux. Red Channels #21-36. MU Port Connectors and SC Trunk. (Includes MU to LC Cables, 12", SM).	80010	A	10%	72 010,00
EM316DWDMX16-R	One Slot, 16-Channel DWDM Dmux. Red Channels #21-36. MU Port Connectors and SC Trunk. (Includes MU to LC Cables, 12", SM).	80010	A	10%	72 010,00
EM316DWMUX16-B	One Slot, 16-Channel DWDM Mux. Blue Channels #43-58. MU Port Connectors and SC trunk. (Includes MU to LC Cables, 12", SM).	84010	A	10%	75 610,00
EM316DWDMX16-B	One Slot, 16-Channel DWDM Dmux. Blue Channels #43-58. MU Port Connectors and SC trunk. (Includes MU to LC Cables, 12", SM).	84010	A	10%	75 610,00
EM316DWMUX16-BE	One Slot, 16-Channel DWDM Mux. Blue Channels #43-58. MU Port Connectors and LC trunk with Band splitter. (Includes MU to LC Cables, 12", SM).	84010	A	10%	75 610,00
EM316DWDMX16-BE	One Slot, 16-Channel DWDM Dmux. Blue Channels #43-58. MU Port Connectors and LC trunk with Band splitter. (Includes MU to LC Cables, 12", SM).	84010	A	10%	75 610,00

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Artikelnummer	Benämning	Listpris	Rbt-typ	Rbt	Nettopris
EM316DWMX16-REM	One Slot, 16-Channel DWDM Mux. Red Channels #21-36. MU Port Connectors and SC trunk with Band splitter and Monitoring port. (Includes MU to LC Cables, 12", SM).	84010	A	10%	75 610,00
EM316DWDX16-REM	One Slot, 16-Channel DWDM Dmux. Red Channels #21-36. MU Port Connectors and SC trunk with Band splitter, and Monitoring port. (Includes MU to LC Cables, 12", SM).	84010	A	10%	75 610,00
EM316DWDMX32-RB	Two Slot, 32-Channel DWDM Dmux. Channels 21-36 and 43-58 MU Port Connectors and SC Trunk. (Includes MU to LC Cables, 12", SM).	156020	A	10%	140 420,00
EM316DWMUX32-RB	Two Slot, 32-Channel DWDM Mux. Channels 21-36 and 43-58 MU Port Connectors and SC Trunk. (Includes MU to LC Cables, 12", SM).	156020	A	10%	140 420,00
EM316DWDMX32	Two Slot, 32-Channel DWDM Dmux. Channels 21-52 MU Port Connectors and SC Trunk. (Includes MU to LC Cables, 12", SM).	156020	A	10%	140 420,00
EM316DWMUX32	Two Slot, 32-Channel DWDM Mux. Channels 21-52 MU Port Connectors and SC Trunk. (Includes MU to LC Cables, 12", SM).	156020	A	10%	140 420,00

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Artikelnummer	Benämning	Listpris	Rbt- typ	Rbt	Nettopris
EM316DWMUX40-M	Three Slot DWDM Module Mux 40 channels 21-60. 100 GHZ MU Port Connectors, SC Trunk and Monitoring. (Includes MU to LC Cables, 12", SM).	200070	A	10%	180 070,00
EM316DWDMX40-M	Three Slot DWDM Module Dmux 40 channels 21-60. 100 GHZ MU Port Connectors, SC Trunk and Monitoring. (Includes MU to LC Cables, 12", SM).	200070	A	10%	180 070,00
DWDM-MD-40	Channels 21-60 MPO Port Connectors and SC Trunk. (Includes MU to LC Cables, 12", SM).	400140	A	10%	360 130,00
DWDM OADM Modules					
EM316DPADxx	DWDM 1-Channel Add\Drop module Dual Fiber(XX Wavelength from ITU Grid Table). (Includes MU to LC Cables, 12", SM).	11980	A	10%	10 790,00
EM316DPADxxyy	DWDM 2-Channel Add\Drop module Dual Fiber (XXYY=Wavelength from ITU Grid Table). (Includes MU to LC Cables, 12", SM).	23320	A	10%	20 990,00
EM316DPAD4xx	DWDM 4-Channel Add\Drop module Dual Fiber starting at xx (XX Wavelength from ITU Grid Table). (Includes MU to LC Cables, 12", SM).	41990	A	10%	37 800,00
EM316DPAD8xx	DWDM 8-Channel Add\Drop module Dual Fiber starting at xx (XX Wavelength from ITU Grid Table). (Includes MU to LC Cables, 12", SM).	80010	A	10%	72 010,00

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Artikelnummer	Benämning	Listpris	Rbt- typ	Rbt	Nettopris
	DWDM Single Sided OADM Mod, DF Drop/Insert Channel DF Trunk/Exp				
EM316DDADDxx	Dual Fiber AddDrop Module, East\West 1 channel (XX Wavelength from ITU Grid Table). (Includes MU to LC Cables, 12", SM).	19980	A	10%	17 990,00
EM316DDADDxxyy	Dual Fiber AddDrop Module, East\West 2 channel (XXYY=Wavelength from ITU Grid Table). (Includes MU to LC Cables, 12", SM).	33320	A	10%	29 990,00
	DWDM Single Sided OADM Mod, DF Drop/Insert Channel SF Trunk/Exp				
EM316DSADSxx	Single Fiber AddDrop Module, East or West 1 channel/2 consecutive wavelengths starting at xx (XX Wavelength from ITU Grid Table). (Includes MU to LC Cables, 12", SM).	11330	A	10%	10 200,00
EM316DSADSxxyy	Single Fiber AddDrop Module, East or West 1 channel/2 wavelengths xx and yy (XX Wavelength from ITU Grid Table). (Includes MU to LC Cables, 12", SM).	11330	A	10%	10 200,00
	DWDM Band Splitters				
EM316BRHBS	Blue Red Band Splitter. (Includes MU to LC Cables, 12", SM).	6640	A	10%	5 980,00
EM316RBHBS	Red Blue Band Splitter. (Includes MU to LC Cables, 12", SM).	6640	A	10%	5 980,00
	Accessories Cables				
10600120-0002	MU to LC 12" SM Cables for Passive Mux/Dmux	335	A	10%	302,00

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Artikelnummer	Benämning	Listpris	Rbt- typ	Rbt	Nettopris
10600120-0003	MU to SC 12" SM Cables for Passive Mux/Dmux	335	A	10%	302,00
10600120-0005R	MU to LC 3 meters/yards SM Cables for Passive Mux/Dmux.	661	A	10%	595,00
	Fiber Driver Platform				
	Chassis				
NC316BU-1/AC	Single-slot Chassis with Internal 90-240V AC Power Supply. Desk Top	795	A	10%	716,00
NC316BU-1/DC	Single-slot Chassis with Internal -48V DC Power Supply. Desk Top	1970	A	10%	1 780,00
NC316BU-1/AC/EU	Single-slot chassis with internal 200-250 VAC Power Supply (European version), no power cable is provided	654	A	10%	589,00
NC316BU-1HP/AC	Single-slot High Power Chassis with Internal 90-240V AC Power Supply. To be used with all Single Fiber modules	835	A	10%	752,00
NC316BU-1HP/DC	Single-slot High Power Chassis with Internal -48V DC Power Supply. Must be used with passive wide DWDM modules.	2140	A	10%	1 930,00
NC316BU-1/NP	Non-managed, non-powered single-slot chassis.modules	335	A	10%	302,00
NC316BU-2/AC	2-slot chassis with Internal 90-240V AC Power supply (One single slot blank panel included)	1970	A	10%	1 780,00

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Artikelnummer	Benämning	Listpris	Rbt- typ	Rbt	Nettopris
NC316BU-2/DC	2-slot chassis with Internal -48V DC Power supply (One single slot blank panel included)	2340	A	10%	2 110,00
NC316BU-3/AC	3-slot chassis with Internal 90-240V AC power supply (second PS is optional; Two Single Slot Blank Panel included)	5780	A	10%	5 210,00
NC316BU-3/DC	3-slot chassis, one DC power supply (second PS is optional; Two Single Slot Blank Panel included)	6580	A	10%	5 930,00
NC316BU-4S/AC	4-slot Chassis with Internal 90-240V AC Power Supply (Two single slot blank panels included)	3970	A	10%	3 580,00
NC316BU-4S/DC	4-slot Chassis with Internal -48V DC Power Supply (Two single slot blank panels included)	4640	A	10%	4 180,00
NC316BU4PMC/NP	Non-managed, non-powered 4-slot chassis.	2640	A	10%	2 380,00
NC316BU-16/AC	16-slot Chassis with Internal 90-240V AC Power Supply (Three single slot and two four slot blank panels included)	4890	A	10%	4 410,00
NC316BU-16/DC	16-slot Chassis with Internal -48V DC Power Supply (Three single slot and two four slot blank panels included)	6640	A	10%	5 980,00
NC316BU-16/NP	Non-managed, non-powered 16-slot chassis (Three single slot and two four slot blank panels included).slot blank panels included).	3640	A	10%	3 280,00
	Redundant Power Supplies				

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Artikelnummer	Benämning	Listpris	Rbt- typ	Rbt	Nettopris
NC316-3RPSAC	Redundant power supply for NC316BU-3/AC (90-240VAC)	1670	A	10%	1 510,00
NC316-3RPSDC	Redundant power supply for NC316BU-3/DC	2240	A	10%	2 020,00
NC316-4SRPSAC	Redundant Power Supply for NC316BU-4S/AC (90-240V AC)	1870	A	10%	1 690,00
NC316-4SRPSDC	Redundant Power Supply for NC316BU-4S/-48VDC	2370	A	10%	2 140,00
NC316-16RPSAC	Redundant Power Supply for NC316BU-16 (240 VAC)	1600	A	10%	1 440,00
NC316-16RPSDC	Redundant Power Supply for NC316BU-16 (-48 VDC)	4170	A	10%	3 760,00
POWERCORD UK	Power cord UK, 5amp/ 250 volt.	72,6	A	10%	65,40
POWERCORD EUR	Power cord Euro, 5amp/ 240 volt.	53,5	A	10%	48,20
POWERCORD-JPR	Power cord for Japan, 7amp/125V.	80,2	A	10%	72,20
Brackets and Blank Panels					
NC316BU-16CMT	Cable Management Tray for NC316BU-16	1340	A	10%	1 210,00
NC316-16BRACKET	Rack Mount Bracket for 16-slot chassis	201	A	10%	181,00
NC316RB23-3	Rack Mount Bracket for NC316BU-3/AC or 3/DC Telco Chassis; 23"	667	A	10%	601,00

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Artikelnummer	Benämning	Listpris	Rbt- typ	Rbt	Nettopris
NC316RB23-4	Rack Mount Bracket for NC316BU-4/AC or 4/DC Telco Chassis; 23"	268	A	10%	242,00
NC316RB23-16	Rack Mount Bracket for NC316BU-16/AC Chassis, 23"	667	A	10%	601,00
NC316MB-1	Wall Mount Bracket for NC316BU-1	335	A	10%	302,00
NC316MB-2	Wall Mount Bracket for NC316BU-2	600	A	10%	540,00
NC316BP-1	Blank Panel, single slot wide, for NC316	99,3	A	10%	89,40
NC316BP-4	Blank Panel, four-slot wide, for NC316BU-16	99,3	A	10%	89,40
NC316DCC	DC Power Female Connector (WAGO)	80,2	A	10%	72,20
NC316-16DOOR	16BU Chassis Transponder protection door 19" rack mount.	3610	A	10%	3 250,00
	Management				
EM316LNxNM-OT	Linux based Network Management card for NC316BU chassis.	6840	A	10%	6 160,00
EM316NM	SNMP Management Module with 1 10Base-T Port and an RS232 Interface	3340	A	10%	3 010,00
EM316NM-5	SNMP Management Module with 1 10Base-T Port and an RS232 Interface Firmware 5.00.00 (26).	3340	A	10%	3 010,00
	Other				

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Artikelnummer	Benämning	Listpris	Rbt- typ	Rbt	Nettopris
EM316-4SW-R	4-port 10/100Base-TX (RJ45) autosensing Ethernet switch.	2670	A	10%	2 410,00
	Multi-rate, Multifunction Modules				
	Dual SFP				
EM316-2SFP	Protocol Transparent Fiber Media Module, with dual SFP pluggable optics interfaces.	4340	A	10%	3 910,00
	Dual Multi-Rate (DMR)				
EM316DMR3G-3R	Dual Multi-Rate Fiber Module, 42 Mbps to 3.2 Gbps rates, four SFP interfaces with 3R	9680	A	10%	8 720,00
	Dual SFP 1/2/4Gb Fibre Channel				
EM316FC400	1/2/4 Gbps Fibre Channel Converter/Transponder, with dual SFP pluggable optics interfaces.	6640	A	10%	5 980,00
	Dual XFP				
EM316-2XFP-ET	10G Transponder, with dual XFP pluggable optics interfaces., 10G Ethernet LAN PHY Optimized.	11680	A	10%	10 520,00
EM316-2XFP	10 Gb Transponder, with dual XFP pluggable optics interfaces.	13310	A	10%	11 980,00
	Protocol-Specific Multifunction (XY) Modules				
EM316SW-XY	Fast Ethernet multi-function Media Converter, 10/100 Base-TX, 100Base-FX, 2 RJ45 & 2 SFP Connectors	3310	A	10%	2 980,00

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Artikelnummer	Benämning	Listpris	Rbt- typ	Rbt	Nettopris
EM316SW-XYTH	Fast Ethernet multi-function Media Converter, 10/100 Base-TX, 100Base-FX, 2 RJ45 & 2 SFP Connectors, temperature hardened (-20:+65C).	3970	A	10%	3 580,00
Converter-Based Service Demarcation					
Ethernet Universal Service Module (EUSM)					
EM316EUSM	Fast and Gigabit Optical Ethernet Universal Service Module, copper or fiber (SFP) access port (single port with selectable interface type copper or fiber), two redundant optical (SFP) trunk ports, advanced 802.3AH remote management with MRV extensions, SLA assurance tools	8640	A	10%	7 780,00
AHSH Family, Fast and Gigabit Ethernet					
EM316EFRMAHSH	User port Auto-sensing between 10/100 Base-TX Copper and 100Base-FX SFP Based Fiber to 100Base-FX Redundant SFP based Fiber trunk with 802.3AH extended Remote Management.	5970	A	10%	5 380,00