



SFP + XFP Transceiver Modules



Fast Ethernet Transceivers		
Part No.	Order No.	Description
M-Fast SFP-TX/RJ45	942 098-001	Fast Ethernet RJ45 SFP
M-Fast SFP-TX/RJ45 EEC	942 098-002	Fast Ethernet RJ45, -40 °C to +85 °C
M-FAST SFP-MM/LC	943 865-001	100Base-FX, 5 km 50/125 µm MM, 4 km 62.5/12.5 µm MM
M-FAST SFP-MM/LC EEC	943 945-001	100Base-FX, 5 km 50/125 µm MM, 4 km 62.5/12.5 µm MM
M-FAST SFP-SM/LC	943 866-001	100Base-FX, 25 km 9/125 µm SM
M-FAST SFP-SM/LC EEC	943 946-001	100Base-FX, 25 km 9/125 µm SM
M-FAST SFP-SM+/LC	943 867-001	100Base-FX, 25 to 65 km 9/125 µm SM
M-FAST SFP-SM+/LC EEC	943 947-001	100Base-FX, 25 to 65 km 9/125 µm SM
M-FAST SFP-LH/LC	943 868-001	100Base-FX, 55 to 140 km 9/125 µm SM
M-FAST SFP-LH/LC EEC	943 948-001	100Base-FX, 55 to 140 km 9/125 µm SM



Gigabit Ethernet Transceivers		
Part No.	Order No.	Description
M-SFP-SX/LC	943 014-001	1000Base-SX, 550 m 50/125 µm MM, 275 m 62.5/125 µm MM
M-SFP-SX/LC EEC	943 896-001	1000Base-SX, 550 m 50/125 µm MM, 275 m 62.5/125 µm MM
M-SFP-LX/LC	943 015-001	1000Base-LX, 550 m 50/125 µm MM, 550 m 62.5/125 µm MM, 20 km 9/125 µm SM
M-SFP-LX/LC EEC	943 897-001	1000Base-LX, 550 m 50/125 µm MM, 550 m 62.5/125 µm MM, 20 km 9/125 µm SM
M-SFP-MX/LC EEC	942 108-001	1.5 km 50/125, 500 m 62.5/125, -40 °C to +85 °C
M-SFP-LX+/LC	942 023-001	1000Base-LX, 40 km with 9/125u SM
M-SFP-LX+/LC EEC	942 024-001	1000Base-LX, 40 km with 9/125u SM, -40 °C to +85 °C
M-SFP-LH/LC	943 042-001	1000Base-LX, 16 to 80 km 9/125 µm SM-LH
M-SFP-LH/LC-EEC	943 898-001	1000Base-LX, 70 km with 9/125u SM, -40 °C to +85 °C
M-SFP-LH+/LC	943 049-001	1000Base-LX, 44 to 120 km 9/125 µm SM-LH
M-SFP-TX/RJ45	943 977-001	Gigabit RJ45 SFP



Gigabit Ethernet Bi-Directional Transceivers (Single Fiber Strand)		
Part No.	Order No.	Description
M-SFP-BIDI-Bundle LX/LC EEC	943 974-101	1000Base-LX, 20 km 9/125 µm SM
M-SFP-BIDI-Bundle LH/LC EEC	943 975-101	1000Base-LX, 23 to 80 km 9/125 µm SM-LH
M-SFP-BIDI Type A LH/LC EEC	943 975-001	1000Base-LX Type A with LC connector, extended temperature range, -40 °C to +85 °C
M-SFP-BIDI Type A LX/LC EEC	943 974-001	1000Base-LX Type A with LC connector, extended temperature range, -40 °C to +85 °C
M-SFP-BIDI Type B LH/LC EEC	943 975-002	1000Base-LX Type B with LC connector, extended temperature range, -40 °C to +85 °C
M-SFP-BIDI Type B LX/LC EEC	943 974-002	1000Base-LX Type B with LC connector, extended temperature range, -40 °C to +85 °C



10 Gigabit Ethernet Transceivers		
Part No.	Order No.	Description
M-XFP-ZR/LC	943 921-001	10GBase-SX, 40 to 80 km 9/125 µm SM
M-XFP-ER/LC	943 920-001	10GBase-SX, 10 to 40 km 9/125 µm SM
M-XFP-LR/LC	943 919-001	10GBase-SX, 2 to 10 km 9/125 µm SM
M-XFP-SR/LC	943 917-001	10GBase-SX, 33 m 50/125 µm MM or 300 m w/modal bandwidth 2000 (MHz x km) fiber



Accessories

Power Supplies and Programming/Configuration Tools

Power Supplies		
Part No.	Order No.	Description
RPS15	943 662-015	24 V DC rail power supply unit 1.3 A at 100 to 240 V AC
RPS30	943 662-003	24 V DC rail power supply unit 1.3 A
RPS80 EEC	943 662-080	24 V DC rail power supply unit 3.0 A, -25 °C up to +70 °C
RPS120 EEC (CC)	943 662-121	24 V DC rail power supply unit 4.5 A, -25 °C up to +70 °C with conformal coating
RPS60/48 V EEC	943 952-001	48 V DC rail power supply unit 1.25 A, -10 °C up to +70 °C
RPS90/48V HV, PoE	943 979-001	48 V DC PoE rail power supply unit 1.9 A, -40 °C up to +50 °C
RPS90/48V LV, PoE	943 980-001	48 V DC PoE rail power supply unit 1.9 A, -25 °C up to +60 °C
PSW 5-24	943 008-001	5 V DC Plug-in rail power supply 0 °C up to +40 °C
PC150/36V/48V-IP67	943 968-001	DC/DC converter with 36 V/48 V power output, IP67 rated 24 V/48 V input
PC150/72V/48V-IP67	943 968-001	DC/DC converter with 72 V/48 V power output, IP67 rated 72 V/110 V input
Power Cord	942 000-001	Power Cord for pluggable connection for the high voltage power supply of the MACH1000, RSPx, RSR and GREYHOUND families. Cable length 2 meters.



ACA – Programming and Configuration Backup

Programming and Configuration Backup		
Part No.	Order No.	Description
ACA21-USB EEC	943 271-002	USB configuration adapter for storage/backup and device replacement of (managed) RS, MS and MACH switches as well as EAGLE firewalls
ACA21-M12 EEC	943 913-002	M12 configuration adapter for storage/backup and device replacement of (managed) OCTOPUS switch devices
ACA11 EEC	943 751-002	Similar to above ACA adapters, but communication via the device's RJ11 RS232 interface
ACA11-M12 (EEC)	943 972-001	M12 configuration adapter for storage/backup and device replacement of IP67 BAT (wireless) devices
ACA11-miniDIN (EEC)	943 973-001	Mini DIN configuration adapter for storage/backup and device replacement of DIN rail mounted BAT (wireless) devices
ACA31	942 074-001	Adapter for storage/backup and device replacement of switches and firewalls (RSP, MSP, EAGLE30)
ACA22-M12 EEC	942 125-001	Auto-configuration adapter 512 MB, with M12 (USB 2.0) connection and extended temperature range, saves two different versions of configuration data and operating software from the connected switch. It enables managed switched to be easily commissioned and quickly replaced.
ACA22-USB EEC	942 124-001	Auto-configuration adapter 512 MB, with USB 2.0 connection and extended temperature range, saves two different versions of configuration data and operating software from the connected switch. It enables managed switched to be easily commissioned and quickly replaced.
Serial/Terminal Cable	943 301-001	Terminal cable for managing and configuring managed switches via the RJ11 RS232 interface



ACA31 (EEC)



ACA11-miniDIN (EEC)



Serial/Terminal Cable



ACA21-USB EEC



ACA11 EEC



ACA11-M12 (EEC)