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# Pluggable Transceivers and Cables

Connect your tools with Transceivers, Direct Attach Cables,  
Copper & Fiber Cables and Accessories

Model No.	Network Speed	Type	Media	Connector	Optical Bandwidth	Description
<b>Pluggable Transceivers: 1GbE SFP</b>						
<b>SFP+LR</b>	1Gbps/10Gbps	1000BASE-LX 1G Ethernet 10GBASE-LR/LW 10G Ethernet	9u SMF	LC	1260nm-1600nm RX 1260nm-1355nm TX	1GbE SFP
<b>SFP+T</b>	1Gbps/10Gbps	1000BASE-SX 1G Ethernet 10GBASE-SR/SW 10G Ethernet	50u MMF/62.5u MMF	LC	840nm-860nm RX 840nm-860nm TX	1GbE SFP
<b>SFPEX40km</b>	1Gbps	SONET OC-48 LR-1 / SDH STM L-16.1 SONET OC-12 / SDH STM 4 SONET OC-3 / SDH STM-1 Gigabit Ethernet / 1x/2x Fibre Channel	9u SMF	LC	1270nm-1600nm RX 1280nm-1355nm TX	1GbE SFP
<b>SFPEX90km</b>	1Gbps	SONET OC-48 LR-1 / SDH STM L-16.1 SONET OC-12 / SDH STM 4 SONET OC-3 / SDH STM-1 Gigabit Ethernet / 1x/2x Fibre Channel	9u SMF	LC	1270nm-1600nm RX 1280nm-1355nm TX	1GbE SFP
<b>SFPFX</b>	1Gbps	1000Base-SX	50u MMF/62.5u MMF	LC	770nm-860nm RX 830nm-860nm TX	1GbE SFP
<b>SFPLX-WB</b>	1Gbps	1000Base-LX	9u SMF	LC	1265nm-1600nm RX 1270nm-1360nm TX	1GbE SFP
<b>SFPSX</b>	1Gbps	1000Base-SX Ethernet	50u MMF/62.5u MMF	LC	770nm-860nm RX 830nm-860nm TX	1GbE SFP
<b>SFPTX1G</b>	1Gbps	10/100/1000 BASE-T	Category 5 UTP	RJ45	--	1GbE SFP
<b>SFPZX</b>	1Gbps	1000BASE-LW 1G Ethernet	9u SMF	LC	1270nm-1600nm RX 1430nm-1580nm TX	1GbE SFP
<b>Pluggable Transceivers: 10G Optical SFP+</b>						
<b>SFP+-10GBi-Di-1270-1330</b>	10Gbps	SFP-10G-BX	9u SMF	LC simplex	1270nm-TX/1330nm-RX	10G Optical SFP+
<b>SFP+-10GBi-Di-1330-1270</b>	10Gbps	SFP-10G-BX	9u SMF	LC simplex	1330nm-TX/1270nm-RX	10G Optical SFP+
<b>SFP+ER</b>	10Gbps	10GBASE-ER/EW 10G Ethernet	9u SMF	LC	1260nm-1600nm RX 1530nm-1565nm TX	10G Optical SFP+
<b>SFP+LR</b>	1Gbps/10Gbps	1000BASE-LX 1G Ethernet 10GBASE-LR/LW 10G Ethernet	9u SMF	LC	1260nm-1600nm RX 1260nm-1355nm TX	10G Optical SFP+
<b>SFP+LR10G</b>	10Gbps	10GBASE-LRM 10G Ethernet 1200-SM-LL-L 10G Fibre Channel	9u SMF	LC	1260nm-1600nm RX 1260nm-1355nm TX	10G Optical SFP+
<b>SFP+LR M10G</b>	10Gbps	10GBASE-LRM 10G Ethernet	50u MMF/62.5u MMF	LC	1260nm-1600nm RX 1260nm-1355nm TX	10G Optical SFP+
<b>SFP+SR10G</b>	10Gbps	10GBASE-SR/SW 10G Ethernet	50u MMF/62.5u MMF	LC	840nm-860nm RX 840nm-860nm TX	10G Optical SFP+
<b>SFP+T</b>	1Gbps/10Gbps	1000BASE-SX 1G Ethernet 10GBASE-SR/SW 10G Ethernet	50u MMF/62.5u MMF	LC	840nm-860nm RX 840nm-860nm TX	10G Optical SFP+
<b>SFP+ZR80</b>	10Gbps	10GBASE-ER/EW 10G Ethernet	9u SMF	LC	1260nm-1600nm RX 1530nm-1565nm TX	10G Optical SFP+



**Have Questions?**

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<b>Pluggable Transceivers: QSFP</b>						
<b>QSFP+100G-BiDi</b>	1Gbps/10Gbps	40GBASE-SR4	OM4 50 / 125µm MMF	Single 1x12 MPO receptacle	840nm-860nm RX 840nm-860nm TX	QSFP
<b>QSFP+10GLR</b>	10Gbps	10GBASE-SR/SW	OM4 50 / 125µm MMF	LC	840nm-860nm RX 840nm-860nm TX	QSFP
<b>QSFP+28SR4</b>	100Gbps	100GBASE-SR4 100G Ethernet	OM4 50 / 125µm MMF	Single MPO12 receptacle	840nm-860nm RX 840nm-860nm TX	QSFP
<b>QSFP+28SR-SWDM4</b>	100Gbps	100G Ethernet over Duplex MMF	OM4 50 / 125µm MMF	Duplex LC receptacles	λ1 850 RX, 850 TX λ2 880 RX, 880 TX λ3 910 RX, 910 TX λ4 940 RX, 940 TX	QSFP
<b>QSFP+40-LR4</b>	Multi-rate capability: 1.06Gb/s to 10.5Gb/s per channel	40BASE-SR4	MMF	Single 1x12 MPO receptacle	840nm-860nm RX 840nm-860nm TX	QSFP
<b>QSFP+40G</b>	Multi-rate capability: 1.06Gb/s to 10.5Gb/s per channel	40BASE-SR4	MMF	Single 1x12 MPO receptacle QSFP+ Gen2 Optical Transceiver Module	840nm-860nm RX 840nm-860nm TX	QSFP
<b>QSFP+40G-ER4</b>	Multi-rate capability: 1.06Gb/s to 10.5Gb/s per channel	40BASE-SR4	MMF	Single 1x12 MPO receptacle QSFP+ Gen2 Optical Transceiver Module	840nm-860nm RX 840nm-860nm TX	QSFP
<b>QSFP+40G-BiDi</b>	Multi-rate capability: 1.06Gb/s to 10.5Gb/s per channel	40BASE-SR4	MMF	Single 1x12 MPO receptacle QSFP+ Gen2 Optical Transceiver Module	840nm-860nm RX 840nm-860nm TX	QSFP
<b>QSFP28PSM4</b>	10Gbps	10GBASE-SR/SW 10G Ethernet	50u MMF / 62.5u MMF	LC	840nm-860nm RX 840nm-860nm TX	QSFP



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Model No.	Network Speed	Reach	Type	Media	Connector	Optical Bandwidth	Description
<b>Cables and Fibers</b>							
<b>100401BK 1FT Black Ethernet Cable</b>	--	100 M	Copper	Cat 5e Cat 6	RJ45	--	Ethernet Cable
<b>102617 50um 10Gb Fiber Optic Cable</b>	10Gbps	--	--	50u MMF / 62.5u MMF	--	840nm-860nm RX 840nm- 860nm TX	Fiber Cable
<b>102732 Mul- timode Fiber Cable</b>	10Gbps	--	--	50u MMF / 62.5u MMF	--	840nm-860nm RX 840nm- 860nm TX	Fiber
<b>102794 9/125 Singlemode Fiber Cable</b>	--	--	--	9u SMF	--	1260nm-1600nm RX 1260nm- 1355nm TX	Fiber cable
<b>Cable Tie Mount</b>	--	0.50" long x 0.50" wide	--	--	--	--	The 4-way adhesive backed cable tie mount made of nylon 6.6, which increases mechanical strength, heat and wear resis- tance, and stiffness. Designed for indoor, high-temperature environments, and comes in packages of 1000.
<b>Cable Ties</b>	--	--	--	--	--	--	Cable ties
<b>Console Ca- ble DB9-RJ45</b>	--	--	Copper	Cat 5e Cat 6	RJ45	--	Console Serial Cable M10GxxBP Modules: DB9 Female to RJ11 4 Foot Cable
<b>MT- P12F-Y-Ca- ble-1</b>	--	--	--	--	--	--	MTP Y Monitoring Ca- ble - OM4 - 1 meter
<b>QSFP28- 4SFP28- Cable_1</b>	--	--	--	--	--	--	100-Gigabit Ethernet QSFP28 to 4 x 25-Gigabit Ethernet SFP28 Splitter Cable - 1 Meter
<b>QSFP28- 4SFP28- Cable_2</b>	--	--	--	--	--	--	Direct Attach Copper Cable QSFP28 to 4x 25Gb SFP28, Pre-Cut 2 Meter
<b>QSFP28- 4SFP28- Cable_3</b>	--	--	--	--	--	--	Direct Attach Copper Cable QSFP28 to 4x 25Gb SFP28, Pre-Cut 3 Meter
<b>Serial Cable 10Ft DB9 Male to Female for 8 Port</b>	--	10 ft	Copper	--	DB9	--	Serial Cable 10Ft DB9 Male to Female for 8 Port



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<b>Cables and Fibers</b>							
USB25	--	2.5 ft	Copper	USB	mini-USB Type B (M) to RJ-45 (M)	--	USB 2.5 foot
102617 50um 10Gb Fiber Optic Cable	10Gbps	--	--	50u MMF/62.5u MMF	--	--	--
102732 Multimode Fiber Cable	--	--	--	50u MMF / 62.5u MMF	--	--	--
102794 9/125 Singlemode Fiber Cable	--	--	--	9u SMF	--	--	--
JA050311D-B 8 Port Fiber Bottom - J&A Carbide Black	--	--	--	--	--	--	8 Port Fiber Bottom
Metal for Dual Fiber TAP	--	--	--	--	--	--	Metal for Dual Fiber TAP
Metal for Single Fiber Tap	--	--	--	--	--	--	Metal for Single Fiber Tap
Screw for Fiber TAP	--	--	--	--	--	--	--
Static Bag Fiber TAP	--	--	--	--	--	--	--



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