



10 Gigabit Optical Transceivers

SFP+ and XFP Pluggable Optical Modules



- 10 Gigabit SFP+ and XFP type
- Single-mode and multimode fiber
- Duplex LC connectors
- Hot-pluggable with durable metal enclosure
- MSA SFF-8472 compliant
- Compatible with 10G Cisco routers and switches
- Enhanced digital diagnostic information
- 32F to 158F (0C to 70C) Operating temperature

Perle 10 Gigabit Optical Transceivers are interchangeable, compact media connectors and enable a single network device to connect to a wide variety of fiber types and distances.

For use with Perle 10 Gigabit Ethernet Media Converters and third party equipment that supports SFP+ and XFP transceivers. Select a Model to obtain a Part Number. Or view [Perle SFP Optical Transceivers](#).

Model	Form Factor	Type	Power Cons. (watts)	Power Supply (Volts)	DOM / DMI	Transmit (dBm)		Receive (dBm)		Power Budget (dBm)	Wave-length (nm)	Fiber Type	Core Size (um)	Modal Bandwidth (MHz* Km)	Operating Distance
						Min	Max	Min	Max						
PSFP-10GD-M2LC008	SFP+	10GBase-SR	0.8	+3.3	Yes	-6.5	1.2**	-11.1	-1.0	4.6	850	MMF	62.5 (FDDI)	160	26 m (85 ft)
													62.5 (OM1)	200	33 m (108 ft)
													50	400	66 m (217 ft)
													50 (OM2)	500	82 m (269 ft)
													50 (OM3)	2000	300 m (984 ft)
PSFP-10GD-M2LC02	SFP+	10GBase-LRM	1.0	+3.3	Yes	-4.5 (in OMA)	1.5 (in OMA)	-6.0 (in OMA)	-	1.5	1310	MMF	62.5 (FDDI)	160	220 m (722 ft)
													62.5 (OM1)	200	220 m (722 ft)
													50	400	100 m (328 ft)
													50 (OM2)	500	220 m (722 ft)
													50 (OM3)	2000	220 m (722 ft)
PSFP-10GD-S2LC10	SFP+	10GBase-LR	1.5	+3.3	Yes	-7.2	0.5	-14.4	-	7.2	1310	SMF	**	-	10 Km (32,821 ft)
PSFP-10GD-S2LC40	SFP+	10GBase-ER	1.5	+3.3	Yes	-2.1 (in OMA)	-3.0	-14.1 (in OMA)	-1.0	12.1	1550	SMF	**	-	40 Km* (25 miles)
PXFP-10GD-M2LC008	XFP	10GBase-SR	1.5	+5, +3.3	Yes	-7.5	-1.0	-1.0	-9.9	6.5	850	MMF	62.5 (FDDI)	160	26 m (85 ft)
													62.5 (OM1)	200	33 m (108 ft)
													50	400	66 m (217 ft)
													50 (OM2)	500	82 m (269 ft)
													50 (OM3)	2000	300 m (984 ft)
PXFP-10GD-S2LC10	XFP	10GBase-LR	2.5	+3.3	Yes	-6.5	0.5	-14.5	0.5	8.0	1310	SMF	**	-	10 Km (32,821 ft)
PXFP-10GD-S2LC40	XFP	10GBase-ER	3.5	+5, +3.3	Yes	-1.0	2.0	-12.3	-	11.3	1550	SMF	**	-	40 Km* (25 miles)

*** The launch power shall be the lesser of the class1 safety limit or the maximum receive power