

SFP-10G-LR-S= Datasheet

Overview

This Cisco SFP-10G-LR-S compatible SFP+ transceiver provides 10GBase-LR throughput up to 10km over single-mode fiber (SMF) using a wavelength of 1310nm via an LC connector. It is guaranteed to be 100% compatible with the equivalent Cisco transceiver.

Quick Specs

Table 1 shows the Specs.

SKU	SFP-10G-LR-S=
Connector	LC
Form Type	SFP+
Cable Type	SMF
Distance (Max.)	10km
Interface Details	10GBase LR
Dimension (HxWxD)	1.2 in. x 2.75 in. x 4.75 in.

Product Details

SFP-10G-LR-S= provides the following features:

- (1) Duplex LC connector
- (2) Support hot-pluggable
- (3) Metal with lower EMI
- (4) Excellent ESD protection
- (5) DFB Transmitter and PIN Receiver
- (6) Distance up to 10km on 9/125um SMF
- (7) Single 3.3V power supply and Low power dissipation
- (8) GR-253-CORE compliant
- (9) RoHS Compliant and Lead-Free
- (10) Compliant with IEEE 802.3ae
- (11) Compliant with SFP+ MSA: SFF-8431 Rev4.1
- (12) Compliant with SFF-8472 Rev.11.0
- (13) Digital diagnostic compatible with SFF-847 Rev11.0

Specification

SFP-10G-LR-S= Specification	
Compatible OEM	Cisco
Connector	LC
Form Type	SFP+
Connection	SMF
Reach	10km
Speed Description	10-Gigabit
Transceiver Type	LR
Wavelength	1310nm
Dimension (HxWxD)	1.2 in. x 2.75 in. x 4.75 in.
Temperature Range	0°C to 70°C
Digital Diagnostics (DDM)	Yes
Hot Swappable	Yes
Data Rate	8 Gbps to 11.3 Gbps
Interface Details	10GBase LR