



10g 1310nm optical module

Featuring a built-in Semtec/Macom chip and reliable DFB laser from global leaders, the 10G SFP+ ER1310 module delivers low power consumption and stable optical links for high-speed single mode ...

The 1310nm LC Interface 10G Singlemode Dual-fiber Optical Module is the workhorse of the modern network. It combines speed, distance, and reliability into a compact package.

The XG-SFP-LR-SM1310 is aligned to IEEE 10GBASE-LR optical specifications and supports a link length of up to 10 kilometers over a single-mode fiber (SMF) with an LC connector.

The STC-10G-ER is an extended reach 10G SFP+ optical transceiver designed for long-distance single-mode fiber (SMF) applications. Operating at a wavelength of 1310nm, this high-performance module ...

10G SFP+ LR 1310nm 20KM LC Optical Transceiver is a high-speed, hot-swappable optical module designed for 10 Gigabit Ethernet and fiber channel networks.

The transceivers have higher optical transmit power and better receiver sensitivity than 1310nm 10GBASE-LR and OC-192 SR-1 transceivers, and they support an optical link budget of 17dB, to ...

Compatible with both 62.5um and 50um LC cables; Supports OM1/OM2/OM3/OM4 fiber cables. Protected by high-quality zinc metallic casing to ensure good heat dissipation and low ...

A 1310nm optical module lets you move data efficiently through fiber optic communication networks. As part of the O-band (1260-1360 nm), it balances low dispersion, stable performance, ...

8. Digital Diagnostics / Digital Optical Monitoring The transceiver provides serial ID memory contents and diagnostic information about the present operating conditions by the 2-wire serial interface (SCL, ...

A practical, engineer-grade guide to 10GBASE-LR: what it is, 1310nm single-mode SFP+ specs, optical budget examples, deployment best practices and troubleshooting.



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