

Ultra SFP Copper Cable Assembly



OVERVIEW

Luxshare-TECH Ultra SFP copper cable is widely adopted in the interconnection between switch unit and computing nodes(56Gbps for Ethernet), the interconnection between server and storage(32Gbps for Fiber Channel) in datacenter and Enterprise IT infrastructure, and adopted in Supercomputing system based on IBTA. It is a high reliability, high aggregate data bandwidth and cost-saving solution.

Luxshare-TECH Ultra SFP copper cables support one channel at 56Gbps in the high-density package(SFP). Luxshare-TECH Ultra SFP cables integrate a standard 20-position gold finger interface and zinc die-cast backshells for superior EMI performance. Ultra SFP copper cable provides lower insertion loss, less skew, better mechanical and reliability performance by adopting excellent SI performance raw cable and reliable components. Luxshare-TECH's Ultra SFP copper cable products provide the diverse type and full range of length coverage for the customers in the industry, DAC up to 3meter length, ACC up to 5meter length.

FEATURES & BENEFITS

- ◆ Compliant with SFF-8431
- ◆ Support IEEE802.3cd, rate up to PAM4 56G
- ◆ 1x(1 channel) base configuration
- ◆ I2C for EEPROM communication
- ◆ 100 Ohms differential impedance
- ◆ Pull to Release latch design
- ◆ 30AWG ~ 26AWG cable available
- ◆ Operation temperature: 0°C~+70°C
- ◆ Storage Ambient Temperature: -40°C~+85°C
- ◆ Relative Humidity< 80%
- ◆ 360 degree EMI crimping shielding
- ◆ All materials comply with RoHS2.0

PRODUCT APPLICATIONS

Server
Network Storage
HPC
Router/Switch

INDUSTRY STANDARDS

EEE 802.3cd
SFF-8431 & 8432
IBTA EDR HDR

