

10/100Mbps BIDIRECTIONAL SINGLE FIBER MEDIA CONVERTER

Overview

BL-150C can convert the electric signal of 10/100Base-TX twisted pair signal and 100Base-Fx optical signals. Bidirectional communication achieved through a single fiber boosts the utilization rate of optical network and greatly reduces the number of fibers used. This extends the limit of network transmission range up to 40Km (only through one single mode optical fiber). And the newly added function of lightning protection guarantees the safety of equipment.

Key Features

- Single fiber bidirectional technology economizes optical fiber and lowers the cost of tailored construction
- BL-150C provides the adaptive function of 10/100M rate and full/half duplex significantly protects the existing network investment during network upgrade
- Unique buffer technology ensures the excellence of your network in data transmission and multimedia application.
- The transmission/receiving wavelength of one set is 1310/1550nm and on the other set is 1550/1310 nm: it must be used in matched pair



Specifications

Ethernet Standards	IEEE802.3 10Base-T Ethernet standard IEEE802.3U 100Base-TX/FX fast Ethernet standard
LED Display	PWR: power indicator lamp FX LINK/ACT: optical link connecting/ active status indicator lamp TX LINK/ACT: electrical link connecting/ active status indicator lamp FX100: optical interface rate indicator lamp TX100: electrical interface rate indicator lamp FDX: full/half duplex indicator lamp
Network Cable	10/100Base-TX UTP Class 5 100Base-FX: single mode fiber 8.3/125, 8.7/125, 9/125 or 10/125 μm
Interface Transmission Rate	Optical interface: 100Mbps Electrical interface: 10/100Mbps
Interface configuration	One RJ45 10/100Base-TX interface One SC single mode duplex connector
Operating Temp.	0° C~ 70° C (32°F~158°F)
Storage Temp.	-45°C~ 80°C (-49° F~ 176°F)
Humidity	5%~ 90%
Power	Outside power supply: 5VDC 1A Consumption < 5W
Warranty	3 year limited warranty

Ordering Information

BL-150C-20	10/100Base T-100 BaseFX Single Mode up to 20KM a pair (special order)
BL-150C-40	10/100Base T-100 BaseFX Single Mode up to 40KM a pair (special order)

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