

Fiberoptic 155 Mbps Multimode to Singlemode Converter



Model **CL-155**

CL-155 is a Fast Ethernet, FDDI, OC-3 or ATM mode converter that translates transmission signals from a multimode optical signal to a singlemode optical signal.

CL-155 can be configured to transmit over one or two fiberoptic strands.

CL-155 expands LAN network data transmission distances beyond the 2km limitation of multimode fiber to a maximum of 110km over singlemode fiber. Fast Ethernet requires full duplex for extension beyond 2km.

CL-155 has easy-to-read diagnostic LED's for continuous status of LAN and WAN system status.

Features

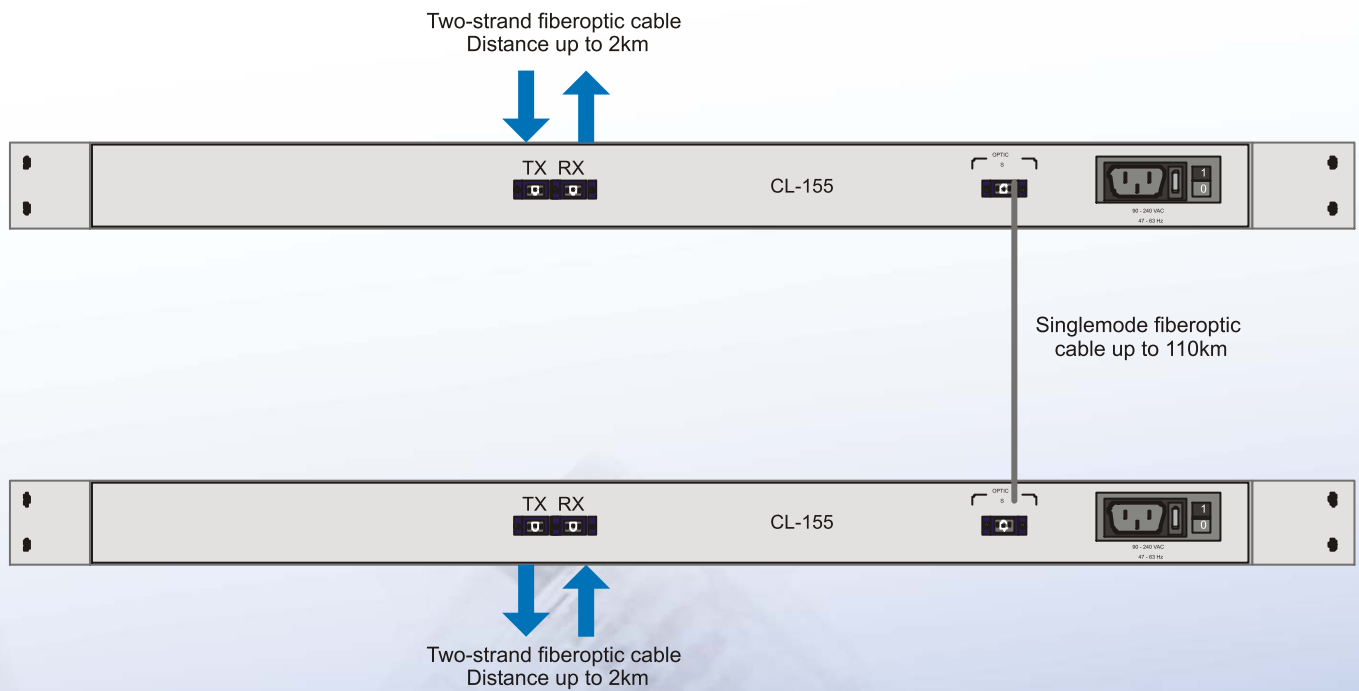
- Full Duplex Multimode to Singlemode Optical Transmission Conversion up to 155Mbps
- Compatible with OC3 or ATM Optical Signals
- Compatible with Fast Ethernet Optical Signals
- One Multimode Fiberoptic Port (LAN)
- One Singlemode Fiberoptic Port (WAN)
- 110km Transmission Range
- 1 or 2 Fiberoptic Strand Transmission
- Plug-n-Play

Model Selection

CL-155-1S-2M-SCA-40	155Mbps Mode Converter, 2 Port, 1 Singlemode Fiber, SC/APC Connector, 40km
CL-155-1S-2M-SCA-80	155Mbps Mode Converter, 2 Port, 1 Singlemode Fiber, SC/APC Connector, 80km
CL-155-2S-2M-SCA-60	155Mbps Mode Converter, 2 Port, 2 Singlemode Fiber, SC/APC Connector, 60km
CL-155-2S-2M-SCA-110	155Mbps Mode Converter, 2 Port, 2 Singlemode Fiber, SC/APC Connector, 110km

Other Connectors and Distances Available Upon Request

Example Application



Specifications

Connection Ports	1 x SC/PC Multimode LAN Port 1 x SC/PC or SC/APC Singlemode WAN Port
Network Media	LAN: 62.5/125 micron multimode fiber cable WAN: 9/125 micron singlemode fiber cable
LED Indicators	Power, LAN Signal Detect, WAN Signal Detect
Dimensions	480mm x 225mm x 44mm
Environment	Operating temperature: 0°C to 50°C Storage temperature: -20°C to 70°C Operating humidity: 10% to 90% RH Storage humidity: 5% to 90% RH
Input Power Requirements	Voltage: 110/240V Auto-sense Internal Power
Regulatory Compliance	CE, FCC Rules Part 15 Class A