

DESCRIPTION



The Series DL200 Fiber Optic Transceivers are designed to be both economical and reliable. The unit permits devices with AUI connectors to directly interface with fiber optic networks. They are available in singlemode or multimode versions and are available with different optical characteristics for extended distances. As Full Duplex Ethernet is a point to point connection offering collision less transmission, the DL200 offers separate transmit and receive paths and is unrestricted by the 2 km maximum distance supported by Half Duplex Ethernet. The transceivers are switch selectable for running in half or duplex mode. The full duplex mode requires full duplex support by the network device that the transceiver is attached to, for example, the DL208S Series switches or DL212 converters support full duplex mode. In addition, products are available for distances of up to 100 km and beyond over singlemode fiber.

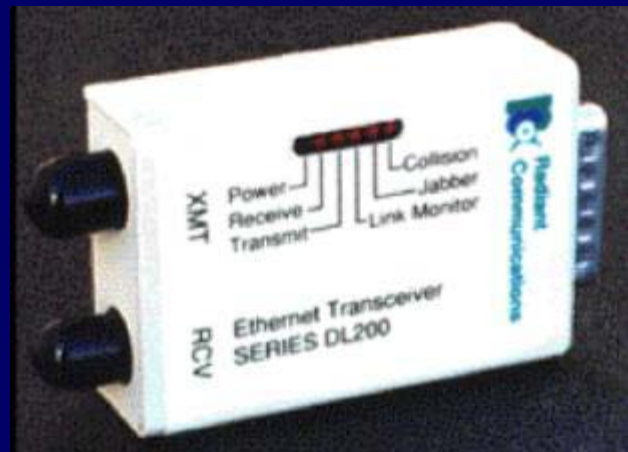
▶ DL200 Two Fiber AUI Transceiver

▶ BENEFITS

- ▶ Plug and Play operation
- ▶ Converts any AUI device to fiber media
- ▶ Transmission distances of 100 km or more

▶ FEATURES

- ▶ Singlemode or Multimode Fiber
- ▶ Six LED Indicators for Data Transfer Monitoring
- ▶ Switch Selectable Half/Full Duplex



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11/2004

DL200 Two Fiber AUI Transceiver

SPECIFICATIONS

LED Indicators

Power, Receive, Transmit, Link, Monitor, Collision, Jabber

Standards Supported

IEEE 802.3, 10Base-FL and 10Base FOIRL

Optical

Wavelength: 850nm, 1310nm, 1550nm
Number of Fibers: 1 or 2
Optical Connector: 1 DB9 (AUI), 2 ST Fiber Optic

General Characteristics

Power: 12 V @ 150 ma supplied through AUI device port
Operating Temp: 0° to 40° C
Size: 1.7" W x 2.4D x 0.8" H

ORDERING INFORMATION

| PART NUMBER | DESCRIPTION | ATTENUATION | MAX DISTANCES |
|-------------|---------------------------------|-------------|---------------|
| DL200 | Transceiver, Multimode 850 nm | 9 dB | 2km |
| DL200/13 | Transceiver, Multimode 850 nm | 9 dB | 0-6 km |
| DL200/SM | Transceiver, Singlemode 1310 nm | 9 dB | 0-20 km |
| DL200/SMHP | Transceiver, Singlemode 1310 nm | 18 dB | 10-50 km |
| DL200/SMSP | Transceiver, Singlemode 1310 nm | 28 dB | 40-80 km |
| DL200/SMUP | Transceiver, Singlemode 1550nm | 28 dB | 60-110 km |

Note:

- For higher optical budgets and distances, contact factory



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