

DL227 10/100/1000M Fiber Optic Transceiver

DESCRIPTION

The Series DL227 is a true auto negotiation 10/100/1000 Mbps Copper to Fiber Media Converter. Because the fiber port of the DL227 operates in Full Duplex mode, the transmission distance is only limited by the power of the optics.

The DL227 has a built in sensor to figure out if a switched cable or crossover cable is inserted offering an easy plug and play installation for any technician.

Distances of a 85 km and more are available. Options are available for one and two fiber operation as well as CWDM and DWDM (ITU grid).

Units can also be built in a ring configuration with the DL227 2 fiber unit.



BENEFITS

Plug and Play operation

Converts any 10/100/1000M to fiber media

Transmission distances of 85 km or more

FEATURES

One and two fiber versions.

Auto negotiate and Auto polarity correction.

Full Duplex operation.

Options for CWDM and DWDM Systems (ITU Grid)

10/100/1000M
Copper



DL227

10/100/1000M
Copper



DL227

FIBER



**Radiant
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1/2006

DL227 10/100/1000 Fiber Optic Transceiver

SPECIFICATIONS

Protocols

IEEE 802.3ab, 10Base-T, 100Base-T, 1000Base-T,
1000Base-SX/LX

Twisted Pair

Twisted Pair UTP: RJ45, Category 5+
Twisted Pair UTP Distances: 100 m / 328 ft.

Optical

Wavelengths: 850nm, 1310nm, 1550nm,
CWDM, DWDM

Number of Fibers: 1 or 2
Optical Connector: SC/APC, SC, FC, FC/APC

General Characteristics

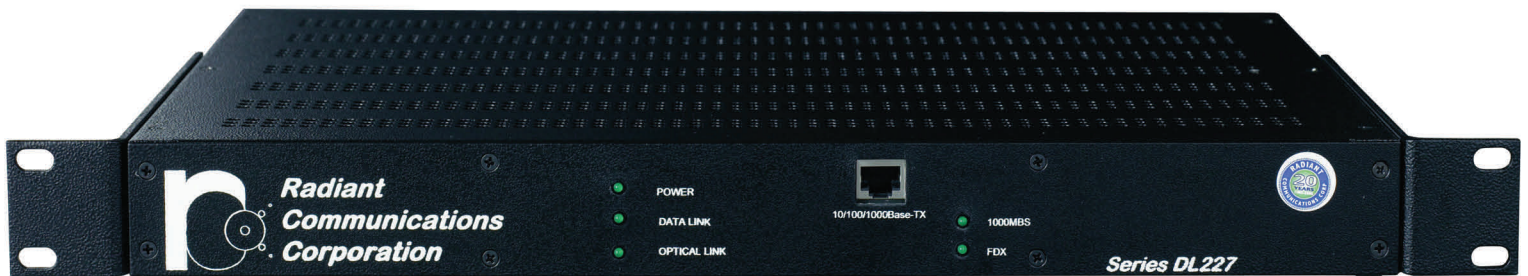
Power: 10W @ 90 to 240V AC
Operating Temp: 0° to 50° C
Size: 17.0" W x 13.0D x 1.75" H

ORDERING INFORMATION

PART NUMBER	DESCRIPTION	ATTENUATION	MAX DISTANCES
DL227/MM-XY8	Media Converter, 2 Fibers, Multimode 850nm	10dB	.5 km
DL227/SM-XY3	Media Converter, 2 Fibers, Singlemode 1310 nm	9 dB	20 km
DL227/SMHP-XY3	Media Converter, 2 Fibers, Singlemode 1310 nm	18 dB	50 km
DL227/SMUP-XY5	Media Converter, 2 Fibers, Singlemode 1550 nm	22 dB	85 km
DL227A/SM-XY3	Media Converter, 1 Fiber, Singlemode 1310nm	9 dB	20 km
DL227A/SMHP-XY3	Media Converter, 1 Fiber, Singlemode 1310 nm	18 dB	50 km

Note:

- Specify X—packaging of the unit: U—IU rack mount, M—modular (standalone) mount
- Specify Y—connector type: A—SC/APC, E—SC, B—FC, Z—FC/APC, D-ST
- For higher optical budgets and distances, CWDM and DWDM systems, contact factory
- Due to product enhancements, specifications are subject to change without notice.



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