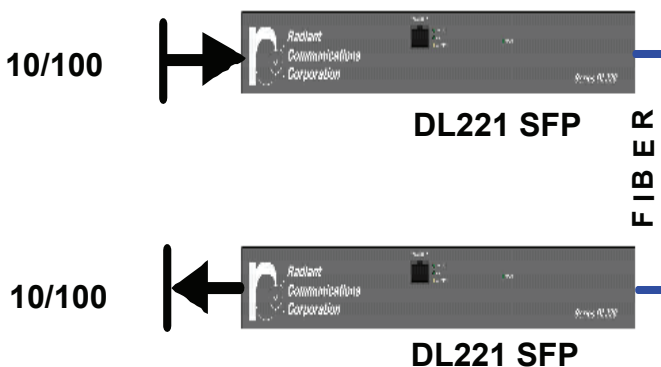


DL221 SFP 10/100 Ethernet Transceiver with SFP modules

DESCRIPTION

Radiant Communications DL221 SFP is a truly universal transceiver, which interfaces with All Ethernet formats and it does not require any adjustments at the time of installation, or anytime thereafter .

These transceivers are available in 2 fiber SFP versions and can connect directly to Ethernet Hubs, Switches, Routers, and even NIC cards. These units operate such that they can be interfaced with any switch or hub port set to any combination of 10 Base-T, 100 Base-TX, Half Duplex, or Full Duplex. The optical transmission, however, is 100 Base-FX at Full Duplex, which means that the only distance limitation is the optical power of the transceiver. The DL221 SFP, together with the optional SNMP Management module (DL-SNMP), will enable the remote monitoring of a single unit or a fully loaded card cage of units (up to 8 units).



**Radiant
Communications
Corporation**

BENEFITS

- Plug-And-Play operation
- User selectable frequency
- Transmission distances of 100 km or more

FEATURES

- Interfaces with **ALL** Ethernet formats
- Does not require Full Duplex Support
- Connects directly to Ethernet Hubs



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12/2006

DL221 SFP 10/100 Ethernet Transceiver with SFP modules

SPECIFICATIONS

Standards Supported

IEEE 802.3:
 10Base-T, Full or Half Duplex
 100Base-TX, Full or Half Duplex
 100Base-FX, Full Duplex

Optical

Wavelength: 850 nm, 1310 nm, 1550 nm,
 CWDM 1310 nm, 1330 nm, 1350 nm, 1370 nm, 1390 nm,
 1410 nm, 1430 nm, 1450 nm, 1470 nm, 1490 nm,
 1510 nm, 1530 nm, 1550 nm, 1570 nm, 1590 nm,
 1610 nm

Number of Fibers: 2
 Power Budget: see table below

General Characteristics

Power: 15W @ 90 to 240V AC
 Operating Temp: -10° to 50° C
 Storage Temp: -40 to 85° C
 Humidity: 0-95% non-condensing
 Size: Rackmount 17.0" W x 13.0" D x 1.75" H
 Can/module 8.0" W x 5.5" D x 2.5" H
 Card Cage 2 Slots in CR200

ORDERING INFORMATION

PART NUMBER	DESCRIPTION	ATTENUATION	MAX DISTANCES
DL221-XY8	Transceiver, Multimode 850 nm, 2 fibers	9 dB	2 km
DL221-XY2	Transceiver, Multimode 1300 nm, 2 fibers	9 dB	6 km
DL221/SM-XY3	Transceiver, Singlemode 1310 nm, 2 fibers	9 dB	20 km
DL221/SMHP-XY3	Transceiver, Singlemode 1310 nm, 2 fibers	18 dB	50 km
DL221/SMSP-XY3	Transceiver, Singlemode 1310 nm, 2 fibers	28 dB	80 km
DL221/SMUP-XY5	Transceiver, Singlemode 1550 nm, 2 fibers	28 dB	110 km

Note:

- Specify X-packaging of the unit: U—IU rack mount, M—modular (standalone), R—card cage rack mount
- Specify Y-connector type: L - LC
- Specify # -for frequency type 8= 850 nm 3= 1310 nm 5= 1550 nm
 CWDM Frequencies C31= 1310 nm, C33= 1330 nm, C35= 1350 nm, C37= 1370 nm
 C39= 1390 nm, C41= 1410 nm, C43= 1430 nm, C45= 1450 nm
 C47= 1470 nm, C49= 1490 nm, C51= 1510 nm, C53= 1530 nm
 C55= 1550 nm, C57= 1570 nm, C59= 1590 nm, C61= 1610 nm
- Add -SNMP for SNMP management
- Add -48 for 48 VDC power
- For higher optical budgets and distances, DWDM systems, contact factory



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