

## DEM-421XT



### FEATURES

#### Functions:

- 10G Multi-Mode 300m XFP
- Compliant with 802.3ae 10GBASE-SR
- LC Port Types
- Full Duplex 802.3x Flow Control
- Wave Length: 850nm
- Power Support: 3.3V / 5V

#### Device:

- 71.1mm(L) x 18.35mm (W) x 12.5mm(H)
- 2.8in. (L) x .72in. (W) x .49in (H)

#### Physical Environment:

- Operation Temperature 0-70° C (32-158°F)
- Storage Temperature -45-85°C (-49-185°F)
- Humidity 0~85%
- EMI: FCC Class B – EN 55022 Class B
- 15kV air discharge and 8 kV contact discharge to the faceplate
- RFI: EN 61000-4-3
- This device also Complies with FDA 21 CFR 1040.10 and 1040.11 and IEC 825-1
- This device meets the fire resistance requirements of Telcordia GR-63 Section 4.2.
- Safety: fire resistance requirements of Telcordia\* GR-63 Section 4.2

## 10Gigabit XFP

High performance 850nm Multimode 10GBASE-SR XFP transceiver

Designed to support distances up to 300 meters, the DEM-421XT is a high performance 850nm Multi-Mode XFP transceiver. Supporting Full-duplex, 10Gigabit speeds on Multi-Mode fiber cables. The DEM-421XT is 802.3ae 10GBASE-SR compliant and supports Full-duplex 802.3x Flow control. The DEM-421XT provides the necessary signal amplification for data to be transmitted to the network cable from the port, and vice versa.

The DEM-421XT is hot swappable. You can remove or replace the transceiver with the system powered on. This permits modules and transceivers to be added or swapped without interrupting network systems.

#### Cabling Specifications

D-Link XFP	Product Code	Cable Type	Core Size (microns)	Modal Bandwidth (MHz/km)	Cable Distance
DEM-421XT	850	MMF	62.5	160	26 meters
			62.5	200	33 meters
			50.0	400	66 meters
			50.0	500	82 meters
			50.0	2000	300 meters

#### Ordering Information

Part Number	Description
DEM-421XT	10GBASE-SR Multi-mode XFP up to 300m

#### Emission (EMI) & Safety Certification:

Feature	Agency	Standard Certificate
Laser Eye Safety	CDRH	Safety: fire resistance requirements of Telcordia* GR-63 Section 4.2.
Laser Eye Safety	TUV	Bauart cert# R72041496pg0001 for EN60950: 2000 and EN60825- 1:1994+A1+A2, CB US-TUV-R-1995;
Electrical Eye Safety	TUV	04SC04015, 0111378-30, 04SC04015
Electrical Eye Safety	UL	Class1 Laser safety:(CDRH, UL, TUV

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