

## DEM-422XT



### FEATURES

#### Functions:

- 10G Single-Mode 10km XFP
- Compliant with 802.3ae 10GBASE-LR
- LC Port Types
- Full Duplex 802.3x Flow Control
- Wave Length: 1310nm
- Power Support: 3.3V / 5V

#### Device:

- 77.95mm(L) x 18.35mm (W) x 11.45(H)
- (3.07in.(L) x .72in. (W) x .45in. (H))

#### Physical Environment:

- Operation Temperature -5-70° C ( 23-158°F)
- Storage Temperature -40-85° C (-40-185°F)
- Humidity 0~85%

## 10Gigabit XFP

High performance 1310nm Single-Mode 10GBASE-LR XFP transceiver

Designed to support distances up to 10,000 meters, the DEM-422XT is a high performance 1310nm Single-Mode XFP transceiver. Supporting Full-duplex, 10Gigabit speeds on Single-Mode fiber cables. The DEM-422XT is 802.3ae 10GBASE-LR compliant and supports Full-duplex 802.3x Flow control. The DEM-422XT provides the necessary signal amplification for data to be transmitted to the network cable from the port, and vice versa.

The DEM-422XT 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	Wavelength (nm)	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
DEM-422XT	1310	SMF	9/10		10 km

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

Feature	Agency	Standard Certificate
Laser Eye Safety	FDA/CDRH	CDRH 21 CFR 1040 and Laser Notice 50
Laser Eye Safety	TUV	EN 60825-1: 1994+A11:1996+A2:2001 IEC 60825-1: 1993+A1:1997+A2:2001 IEC 60825-2: 2000, Edition 2
Electrical Eye Safety	TUV	EN 60950
Electrical Eye Safety	UL/CSA	CLASS 3862.07 CLASS 3862.87

#### Ordering Information

Part Number	Description
DEM-422XT	10GBASE-LR Single-mode XFP up to 10km

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