

# D-Link DEM-436XT-BXU Datasheet



D-Link DEM-436XT-BXU 10GBase-LR-BX-U SFP Transceiver (Singlemode TX-1270/RX-1330nm) - 20km

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D-Link's 10G SFP+ Module series are hot-swappable SFP+ transceivers that plug into SFP+ slots on switches and support 10G Ethernet. The D-Link 10GBASE SFP+ Module Series transceivers offer customers a wide variety of 10G Ethernet connectivity options for data centers, enterprise wiring closets, and service provider transport applications.

The DEM-436-BXU/40KM and DEM-436-BXD/40KM transceivers are used in pair. The DEM-436-BXU/20KM and DEM-436-BXD/20KM transceivers are used in pair.

## Hot-Pluggable

All D-Link transceivers are hot-pluggable. Hot-swap capability allows network administrators to plug or unplug it from the SFP slot without having to turn off the power of the connected device.

## 10 Gigabit Ethernet speeds

The transceivers support 10 Gigabit Ethernet, which results in very fast data transmissions of up to 10 Gbit/s, that enables the switches to handle fast and heavy data transmissions, making it suitable for business needs.

## Bi-directional WDM transmission

Bi-directional WDM transmission allows data to be received and transmitted simultaneously in both directions on a fiber cable. This helps to save on the cost of deploying extra fiber cables and allows for more flexible bandwidth

allocation.

## Distance Capacity

The DEM-436XT-BXU transceiver operates at a distance of up to 40 km. The operation at shorter distances is possible only with the use of attenuator (not included in package contents).

## Specifications

- Standard: IEEE802.3ae, 10GBASE-ER
- Wavelength: Tx: 1270 nm, Rx: 1330 nm
- Data Rate: 10 Gbps
- Connector: Simplex LC
- Fiber Type: 9/125 um Single-mode Fiber
- Maximum Fiber Cable Length
  - 40 km1 (DEM-436XT-BXU/40KM)
  - 20 km (DEM-436XT-BXU/20KM)
- Transmit Power Range
  - 5 to 1 dBm (DEM-436XT-BXU/40KM)
  - 2 to -2 dBm (DEM-436XT-BXU/20KM)
- Receive Power Range
  - -1 to -15 dBm (DEM-436XT-BXU/40KM)
  - -1 to -14 dBm (DEM-436XT-BXU/20KM)
- Sensitivity
  - -15 dBm (DEM-436XT-BXU/40KM)
  - -14 dBm (DEM-436XT-BXU/20KM)
- Polish Type: UPC
- Supported Features
  - Hot swap
  - MSA compliant
  - RoHS compliant
- Power Support: 3.3 V
- Power Consumption: 1.5 W (max.)
- Supply Current: 450 mA
- Temperature
  - Operating: 0° to 70°C

- Storage: -40° to 85°C
- Humidity
  - Operating: 0% to 85%
  - Storage: 0% to 85%
- Dimensions: 55.9 mm x 13.7 mm x 8.5 mm
- Certificates
  - Class 1 laser: EN 60825-1
  - FDA 21 CFR 1040.10 и 1040.11

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