

Product Highlights

Data transmission

Maximum distance of up to 40 km¹

High performance

High-speed data transmission

Hot-Pluggable

Hot-swap capability allows network administrators to plug or unplug them from the SFP slots without having to turn off the power of the connected device



DEM-436XT-BXU

10GBase-ER Single-Mode WDM SFP+ transceiver (up to 40 km¹ / 20km), Tx:1270 nm, Rx:1330 nm

Features

- Enhanced Small Form-Pluggable (SFP+) form factor
- Compliant with MSA (Multi-Source Agreement)
- Transmission distance of up to 40 km¹
- Hot-pluggable

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).

General features	
Standard	<ul style="list-style-type: none"> • IEEE802.3ae, 10GBASE-ER
Wavelength	<ul style="list-style-type: none"> • Tx: 1270 nm, Rx: 1330 nm
Data Rate	<ul style="list-style-type: none"> • 10 Gbps
Connector	<ul style="list-style-type: none"> • Simplex LC
Fiber Type	<ul style="list-style-type: none"> • 9/125 um Single-mode Fiber
Maximum Fiber Cable Length	<ul style="list-style-type: none"> • 40 km¹ (DEM-436XT-BXU/40KM) • 20 km (DEM-436XT-BXU/20KM)
Transmit Power Range	<ul style="list-style-type: none"> • 5 to 1 dBm (DEM-436XT-BXU/40KM) • 2 to -2 dBm (DEM-436XT-BXU/20KM)
Receive Power Range	<ul style="list-style-type: none"> • -1 to -15 dBm (DEM-436XT-BXU/40KM) • -1 to -14 dBm (DEM-436XT-BXU/20KM)
Sensitivity	<ul style="list-style-type: none"> • -15 dBm (DEM-436XT-BXU/40KM) • -14 dBm (DEM-436XT-BXU/20KM)
Polish Type	<ul style="list-style-type: none"> • UPC
Supported Features	<ul style="list-style-type: none"> • Hot swap • MSA compliant • RoHS compliant
Physical Parameters	
Power Support	<ul style="list-style-type: none"> • 3.3 V
Power Consumption	<ul style="list-style-type: none"> • 1.5 W (max.)
Supply Current	<ul style="list-style-type: none"> • 450 mA
Temperature	<ul style="list-style-type: none"> • Operating: 0° to 70°C • Storage: -40° to 85°C
Humidity	<ul style="list-style-type: none"> • Operating: 0% to 85% • Storage: 0% to 85%
Dimensions	<ul style="list-style-type: none"> • 55.9 mm x 13.7 mm x 8.5 mm
Certificates	<ul style="list-style-type: none"> • Class 1 laser: EN 60825-1 • FDA 21 CFR 1040.10 и 1040.11
Order info	
DEM-436XT-BXU/40KM	10GBase-ER Single-Mode WDM SFP+ transceiver (up to 40 km ¹), Tx:1270 nm, Rx:1330 nm
DEM-436XT-BXU/20KM	10GBase-ER Single-Mode WDM SFP+ transceiver (up to 20 km), Tx:1270 nm, Rx:1330 nm

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