



## **DIS-S302SX**

### **1000Base-SX+ Multi-Mode SFP transceiver (up to 2 km)**

The DIS-S302SX Gigabit SFP fiber transceiver is external transceiver designed for insertion in SFP (Small Form-Factor Pluggable) slot of network device for transmission and reception of data signals on the fiber cables. The DIS-S302SX has a wide operating temperature range (-40° to 85°C). This allows the transceiver to be deployed in harsher environmental conditions. This transceiver provides the Gigabit operation and physical compactness to deliver the speed, reliable long-distance (up to 2 km) data transfer, and deployment flexibility that today's fiber networks require.

The DIS-S302SX transceiver uses standard duplex LC connector for fiber cable connection. It conforms to industry standards and is interoperable with D-Link Gigabit switches. 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.

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<b>General features</b>	
<b>Standard</b>	· IEEE 802.3z 1000Base-SX+
<b>Wavelength</b>	· 1310 nm
<b>Data Rate</b>	· 1.25 Gbps
<b>Connector</b>	· Duplex LC
<b>Fiber Type</b>	· 50/125 um Multi-mode Fiber
<b>Maximum Fiber Cable Length</b>	· 2 km
<b>Transmit Power Range</b>	· -3 to -9 dBm
<b>Receive Power Range</b>	· -3 to -21 dBm
<b>Sensitivity</b>	· -21 dBm
<b>Supported Features</b>	· Hot swap · MSA compliant · RoHS compliant
<b>Physical Parameters</b>	
<b>Power Support</b>	· 3.3 V
<b>Supply Current</b>	· 220 mA
<b>Temperature</b>	· Operating: -40° to 85°C · Storage: -40° to 85°C
<b>Humidity</b>	· Operating: 0% to 85% · Storage: 0% to 85%
<b>Dimensions</b>	· 55.9 mm x 13.7 mm x 8.5 mm
<b>Certificates</b>	· Class 1 laser: EN 60825-1 · FDA 21 CFR 1040.10 и 1040.11
<b>Order info</b>	
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