

SFP-MR-BX20D

155 Mb/s ~ 2.67 Gb/s Multirate BiDi SFP

DESCRIPTION

The SFP-MR-BX20D is fully compliant with the latest industrial SFP Multi-Source Agreement (MSA). It supports data rates in a wide range of 155 Mbps ~ 2,67Gbps. The transceiver operates bidirectionally for single-fiber operation; is hot pluggable and can transmit up to 20 km of SM fiber.

APPLICATIONS

- 155 Mb/s to 2.67 Gb/s
- CWDM systems
- SDH/SONET
- 1000Base Gigabit Ethernet
- 1x/2x Fibre Channel

FEATURES

- Up to 20 km transmission on SM fiber
- 1310nm/1550 nm operation
- Compliant to SFP MSA and SFF-8472
- Digital Diagnostics Monitoring
- Hot-Pluggable SFP footprint
- Optical LC interface for bi-directional operation
- Operating temperature -10°C to 70°C
- RoHS compliance



LASER SAFETY

This singlemode transceiver is a Class 1 laser product. It complies with IEC-60825 and FDA 21 CFR 1040.10 and 1040.11. The transceiver must be operated within the specified temperature and voltage limits. The optical ports of the module need to be terminated with an optical connector or a dust plug.

OPTICAL PARAMETERS

Part no.	Wavelength [nm]	Opt. Output Power [dBm]	Opt. Receiver Sensitivity [dBm]	Power Budget [dB]
SFP-MR-BX20D-35	1310Tx/1550Rx	-5 to 0	-19 to 0	14
SFP-MR-BX20D-53	1550Tx/1310Rx	-5 to 0	-19 to 0	14

ORDERING INFORMATION

Part no.	Description
SFP-MR-BX20D-35	SFP BiDi, Multirate 100M-2.7G, DDM, 20km, TX/RX=1310/1550nm, 14dB, LC
SFP-MR-BX20D-53	SFP BiDi, Multirate 100M-2.7G, DDM, 20km, TX/RX=1550/1310nm, 14dB, LC