

DIGISOL Bi-Directional SFP Transceivers

DG-SA1123-BDT/ DG-SA1123-BDR



Key Features:-

- SFP Multisource Agreement (MSA) compliant
- Hot Pluggable
- Low power dissipation
- Single power supply 3.3V



Introduction:-

DIGISOL The Small Form Factor Pluggable (SFP) transceiver module is specifically designed for the high performance integrated full duplex data link over a single optical fiber. The transceiver module is compliant with the SFP Multi Source Agreement (MSA). With the hot pluggability, these modules offer an easy way to be installed into SFP MSA compliant ports at any time without the interruption of the host equipments operating online.

DG-SA1123-BDT and DG-SA1123-BDR is Bi-Directional SFP transceiver with data transmission up to 20km on a single-mode (9/125μm) optical fiber.

Technical Specifications:-

Standard

- 100BASE-BX 10-U compatible
- OC-3 IR-1/ STM S-1.1 compliant

Transceiver Type

- SFP (Small Form Pluggable)

Connector

- Single LC connector

Operating Wavelength

- DG-SA1123-BDT (Tx/Rx) : 1310nm/1550nm
- DG-SA1123-BDR (Tx/Rx) : 1550nm/1310nm

Data Rate

- 125Mbps IEEE802.3ah 100BASE-BX 10-U compatible
- 155Mbps OC-3 IR-1/ STM S-1.1 compliant

Cable Type

- Single core single-mode (9/125μm) optical fiber Maximum Cable Distance Coverage
- 20km

Supply Current

- 150mA (Typical)
- 300mA (Maximum)

Input Voltage

- 3.1V (minimum)
- 3.3V (Typical)
- 3.5V (maximum)

Operating Temperature

- 0°C to 70°C

Storage Temperature

- -40°C to 85°C

Ordering Information:-

DG-SA1123-BDT : DIGISOL 100Mbps SM SFP Tranceiver, Tx/Rx: 1310nm/1550nm, LC Type (20kms)

DG-SA1123-BDR : DIGISOL 100Mbps SM SFP Tranceiver, Tx/Rx: 1550nm/1310nm, LC Type (20kms)

*Warranty shall be subject to terms and conditions specified in the DIGISOL PRODUCT WARRANTY displayed on the website of the company.

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