



DIGISOL®

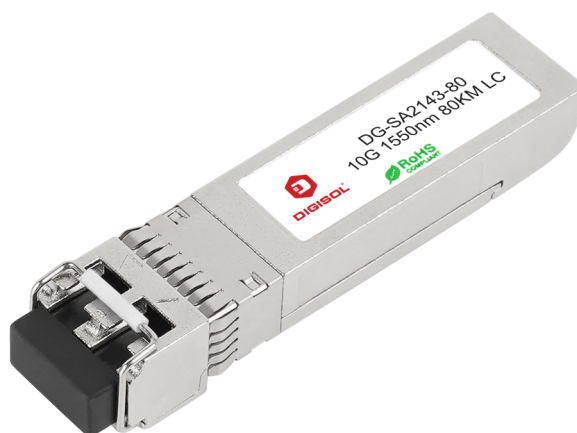
SWITCHING SOLUTIONS

DIGISOL 10G 1550nm Single-mode SFP+ Transceiver, 80Km

DG-SA2143-80

Key Features:-

- Hot-pluggable SFP+ footprint
- Supports 9.5 to 10.3Gb/s bit rates
- Upto 80Km on 9/125 μ m SMF
- Single 3.3V power supply
- Maximum link length of 80km
- 1550nm cooled EML, APD Receiver
- Duplex LC connector
- 10Gb/s serial optical interface compliant to 802.3ae 10GBASE-ZR/ZW
- Power dissipation <1.5W
- Built-in digital diagnostic functions
- Case temperature range: -5°C to 70°C



Introduction:-

DIGISOL's DG-SA2143-80 - ZR transceiver is 1550nm cooled EML laser and APD photo-detector receiver based 10Gigabit SFP+ transceiver, which is designed to transmit and receive optical data over single mode optical fiber for link length up to 80km. Digital diagnostics functions are available via a 2-wire serial interface, as specified in the SFF-8472, which allows real-time access to device operating parameters such as transceiver temperature, laser bias current, transmitted optical power, received optical power and transceiver supply voltage.

Technical specifications:-

Standard	:	10GBASE-ZR/ZW
Operating Temperature	:	-5°C to 70°C
Storage Temperature	:	-40 to 85 °C
Power Supply Voltage	:	3.3V
Distance	:	80Km
Fiber mode	:	9/125 μ m single mode fiber

Ordering Information:-

DG-SA2143-80 : DIGISOL 10Gbps Single-mode SFP+ Transceiver, 80Km

*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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