



DIGISOL®

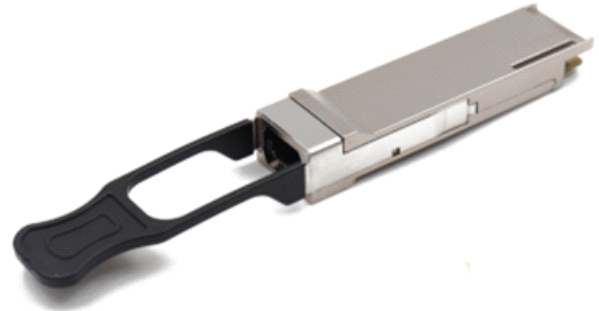
SWITCHING SOLUTIONS

DIGISOL QSFP+ SR4, 40G, 150M, 850nm, MPO

DG-SA4010

Key Features:-

- Support 40GBASE-SR4/QDR application
- Compliant to QSFP+ Electrical MSA SFF-8436
- Multi rate of up to 10.3125Gbps per lane
- Transmission distance up to 150m (Om3)
- +3.3V single power supply
- Low power consumption
- Operating case temp (0°C to +70 °C)
- Operating Humidity: +5 - +85 RH
- Storage Temperature: -40 to +85 °C
- Supply Voltage: 0.5 to +3.6V
- RoHS compliant



Introduction:-

DIGISOL DG-SA4010 is designed for use in 40 Gigabit per second links over multimode fiber. They are compliant with the QSFP+ MSA and IEEE 802.3ba 40GBASE-SR4.

The optical transmitter portion of the transceiver incorporates a 4-channel VCSEL (Vertical Cavity Surface Emitting Laser) array, a 4-channel input buffer and laser driver, diagnostic monitors, control and bias blocks. For module control, the control interface incorporates a Two Wire Serial interface of clock and data signals.

Applications:-

- 40GBASE-SR4 at 10.3125Gbps per lane
- InfiniBand QDR
- Other optical links

Ordering Information:-

DG-SA4010 : DIGISOL 40G (10.31 Gbps per lane), 150m, 850nm, Multimode fibre, MPO 1x12 connector.

Operating Temperature: 0 to +70

*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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