

Arista QSFP-40G-PLR4 Datasheet



Arista QSFP-40G-PLR4 40GBASE-PLR4 QSFP+ 1310nm 10km MTP/MPO-12 SMF DOM Transceiver Module XVR-10012-20

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The Arista QSFP-40G-PLR4 QSFP+ module is designed for use in 40GBASE Ethernet throughput up to 10km over single mode fiber (SMF) using a wavelength of 1310nm via a MTP/MPO connector. It provides high-density and low-power 40GBASE Ethernet solution for data centers, high-performance computing networks, enterprise core and distribution layer applications. It is fully compliant with the QSFP+ MSA.

Features

- High Channel Capacity: 40 Gbps per optics
- Up to 10km links on single mode fiber
- 4 channels 1310nm DFB laser
- 4 channels PIN photodetector array
- Electrically hot-swappable
- QSFP+ MSA compliant
- Power dissipation < 3.5 W
- Supports Digital Diagnostics Monitoring
- Single MPO connector receptacle

Specifications

- Part Numbers: QSFP-40G-PLR4, XVR-10012-20
- Form Factor: QSFP+
- Data Rate: 40 Gb/s
- Wavelength: 1310 nm
- Fiber Type: SMF
- Max Distance: 10 km
- Optical Components: DFB/PIN
- Transmitter Power: -6 ~ +0.5 dBm
- Extinction ratio: > 3.5 dB
- Receiver Sensitivity: < -12.6 dBm
- Receiver Overload: > 1 dBm
- Connector: MPO
- Digital Diagnostic Monitoring: Yes
- Environment: Operating: 0°C to 70°C
- Storage: -40°C to 85°C:
- Weight: 0.09 kg
- Application
 - 40G Ethernet and OTU3
 - Proprietary Protocol and Density Applications
 - Datacom/Telecom switch & router connections
 - Data Aggregation and Backplane Applications
 - High-performance computing networks
 - Infiniband transmission at 4ch SDR, DDR and QDR
- Compliance
 - IEC/EN 61000-4-2, IEC-60825
 - FDA 21CFR 1040.10 and 1040.11
 - RoHS, SFF-8436, IEEE802.3ba

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