

QFX-QSFP-DAC-3M-LEG
JUNIPER NETWORKS 40GBASE-CU QSFP+
3M DAC PASSIVE



QSFP+ TO QSFP+ COPPER CABLE

40Gbase QSFP+ DAC

Features

- Full duplex 4 channel parallel passive optical cable
- Transmission data rate up to 10.3Gbit/s per channel
- SFF-8436 QSFP+ compliant
- Hot pluggable electrical interface
- Low power consumption
- Housing isolated from connector ground
- Operating case temperature 0°C to +70°C
- 3.3V power supply voltage
- RoHS 6 complain



Product Description

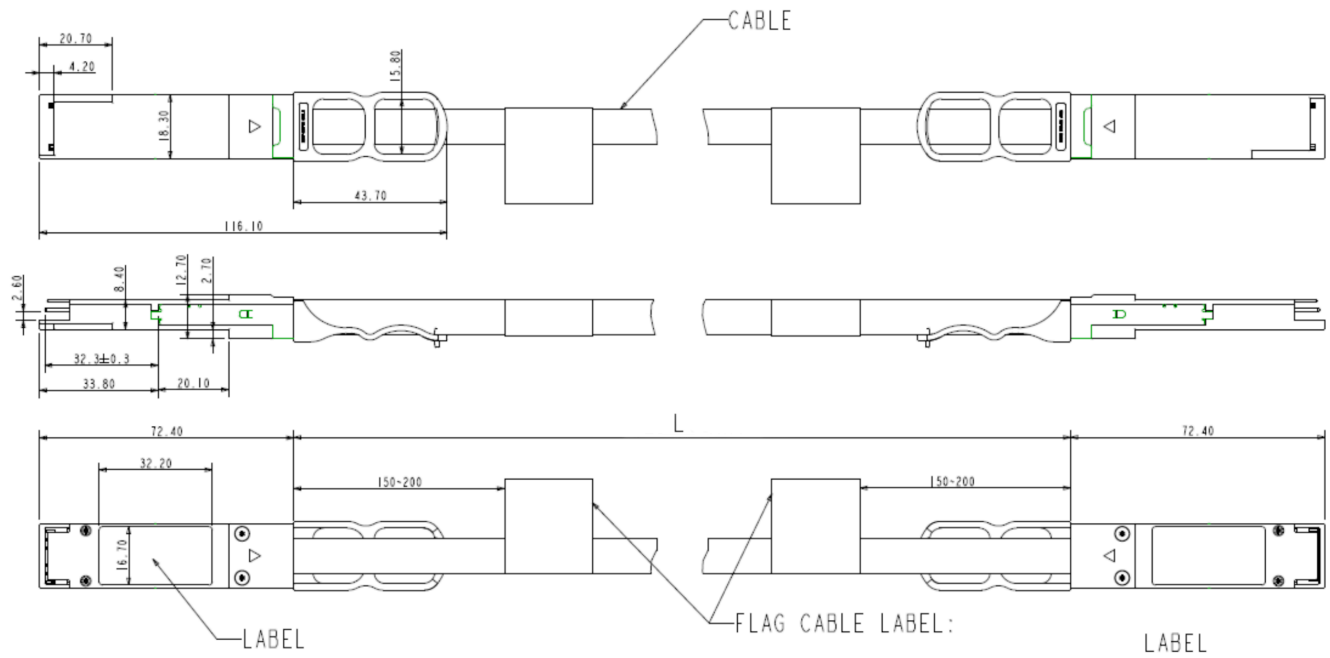
Legrand passive copper cables designed with high performance, low power consumption, long reach interconnect solution supporting 40G Ethernet, fiber channel and NIC cards. It is compliant with the QSFP MSA and IEEE P802.3ba.

Passive copper cable is an assembly of 4full-duplex lanes, where each lane is capable of transmitting data at rates up to 10Gb/s, providing an aggregated rate of 40Gb/s.

Specifications

| Parameter | | Unit |
|--|----------------------------|--------|
| Min. Dielectric Withstand Voltage | 300 | VDC |
| Insulation Resistance | 1000 | Mohms |
| Current Rating | 0.5 Amp Min/Signal Contact | |
| Operating Temperature | 0 to 70 | °C |
| Flammability Rating (Plastics) | UL 94 | |
| Shield | Braid/Foil | |
| Connector | | |
| Backshell Material | Nickel Plated Zinc Diecast | |
| Contact Material | PCB with Gold-Plated Pads | |
| Max. Insertion Force | 40 | N |
| Max. Withdrawl Force | 30 | N |
| Durability | 250 | Cycles |
| Tightest Recommended Vertical Spacing (Belly to Belly) | 11.80 | mm |
| Tightest Recommended Vertical Spacing (Stacked) | 17.50 | mm |
| Cable | | |
| Conductor | Solid | |
| Wire Gauge | 30 to 24 | AWG |
| Impedence | 100±5 | ohms |
| Construction | Twinaxial | |
| Jacket Type | PVC | |

Mechanical Specifications



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