

QSFP PARALIGHT Active Optical Cable Assemblies

Applications

- High Performance Computing Clusters
- Supercomputers
- High End Servers
- Mass Storage
- Metro Network Switch/Cross Connect
- High End Carrier Class Routers
- DDR InfiniBand Applications (QDR available end of 2008)
- Other 2.5–5.0 Gb/s Applications (e.g. 10 Gb Fibre Channel or 10 Gig Ethernet XAUI on ports providing InfiniBand pinout 3.3 V power)



Electrical/Optical

- 20 Gb/s bidirectional — 40 Gb/s product available late 2008
- Compatible with SDR and DDR (InfiniBand) standards (QDR available early Q2 2009)
- Low power consumption — under 1 watt per end

Mechanical/Environmental

- Up to 150 meters — longer lengths available upon request
- 25 mm bend radius
- Operating temperature 0°C to 60°C
- Storage Temperature -25°C to 70°C
- 4 channels each direction

Materials

- OFNR/CSA-FT-6 (plenum) cable
- OFN-LS (LSZH rated) cable

Fibre Channel is a trademark of the Fibre Channel Industry Association.
 INFINIBAND is a trademark of the InfiniBand Trade Association.
 XAUI is a trademark of the 10Gigabit Ethernet Alliance XAUI Interoperability Group.

Part Numbers

| Length (meters) | Cable Type | InfiniBand 4X** Part Numbers | InfiniBand 4X to QSFP Part Numbers | QSFP to QSFP Part Numbers |
|-----------------|------------|------------------------------|------------------------------------|---------------------------|
| 2 | OFNP* | 1985427-9 | 1985554-9 | 1985861-9 |
| 3 | OFNP* | 1985427-1 | 1985554-1 | 1985861-1 |
| 5 | OFNP* | 1985427-2 | 1985554-2 | 1985861-2 |
| 10 | OFNP* | 1985427-3 | 1985554-3 | 1985861-3 |
| 15 | OFNP* | 1-1985427-0 | 1-1985554-0 | 1-1985861-0 |
| 20 | OFNP* | 1985427-4 | 1985554-4 | 1985861-4 |
| 30 | OFNP* | 1985427-5 | 1985554-5 | 1985861-5 |
| 40 | OFNP* | 1985427-6 | 1985554-6 | 1985861-6 |
| 50 | OFNP* | 1985427-7 | 1985554-7 | 1985861-7 |
| 100 | OFNP* | 1985427-8 | 1985554-8 | 1985861-8 |

*OFNP = Optical Fiber Nonconductive Plenum

**Also known as CX4 and SFF-8470

Note: Longer lengths available upon request.

Note: All part numbers are RoHS compliant.