

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.