

## 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.