

2 through 18 fibers

Product Highlights

- .098 in. (2.5 mm) aramid filled subunits
- User-friendly “break-out” design
- High tensile strength
- Flexible aramid yarns and individual jackets add strength to each fiber
- Color-coded subunits facilitate identification
- Color-coded and number-coded subunits facilitate identification for cables containing more than 12 fibers

Options

- Cables with improved attenuation available



2-fiber



4-fiber



6-fiber



8-fiber



10-fiber



12-fiber

Diagram scale approx. 1:1

Singlemode Breakout (Riser)

(UL) OFNR c(UL) FT4

| HITACHI PART NO. | FIBER COUNT | CABLE O.D. | | MAXIMUM LOAD | | OPERATION | | CABLE WEIGHT | |
|--|-------------|------------|------|----------------|------|-----------|------|--------------|----------|
| | | in. | mm | INSTALL lbs-ft | N | lbs-ft | N | lbs/1000ft | kg/1000m |
| 8.3/125 μm Multimode (8.3/125/250/900) | | | | | | | | | |
| 60016-2 | 2 | .318 | 8.0 | 300 | 1200 | 100 | 400 | 39.9 | 59.4 |
| 60016-4 | 4 | .318 | 8.0 | 300 | 1200 | 100 | 400 | 38.9 | 57.9 |
| 60016-6 | 6 | .377 | 9.5 | 500 | 2500 | 200 | 1000 | 57.3 | 85.3 |
| 60016-8 | 8 | .437 | 11.0 | 500 | 2500 | 200 | 1000 | 76.2 | 113 |
| 60016-10 | 10 | .498 | 12.6 | 600 | 2700 | 200 | 1000 | 111 | 165 |
| 60016-12 | 12 | .513 | 13.0 | 600 | 2700 | 200 | 1000 | 103 | 153 |
| 60016-14 | 14 | .513 | 13.0 | 600 | 2700 | 200 | 1000 | 103 | 154 |
| 60016-16 | 16 | .543 | 13.7 | 600 | 2700 | 200 | 1000 | 116 | 173 |
| 60016-18 | 18 | .572 | 14.5 | 600 | 2700 | 200 | 1000 | 132 | 196 |

Optical Specifications

TIA/EIA-568-B.3 | ISO/IEC 11801, 2nd edition | Bellcore GR-409-CORE

| 8.3/125 μm SINGLEMODE | |
|-----------------------------------|--|
| MAXIMUM ATTENUATION | ≤ 0.50 dB/km at 1310 nm ≤ 0.50 dB/km at 1550 nm |
| GIGABIT ETHERNET SUPPORT DISTANCE | 5000 m at 1550 nm |

Breakout Singlemode

Singlemode Breakout (Plenum)

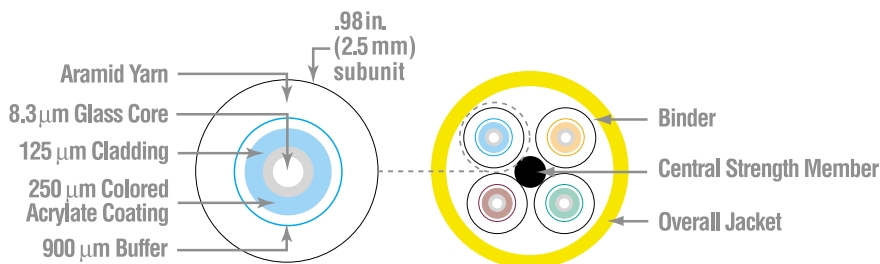
(UL) OFNP c(UL) FT6

| HITACHI PART NO. | FIBER COUNT | CABLE O.D. | | MAXIMUM LOAD INSTALL | | OPERATION | | CABLE WEIGHT | | |
|---|-------------|------------|------|----------------------|------|-----------|------|--------------|----------|--|
| | | in. | mm | lbs-ft | N | lbs-ft | N | lbs/1000ft | kg/1000m | |
| 8.3/125 μ m Multimode (8.3/125/250/900) | | | | | | | | | | |
| 60034-2 | 2 | .318 | 8.0 | 300 | 1200 | 100 | 400 | 47.3 | 70.4 | |
| 60034-4 | 4 | .318 | 8.0 | 300 | 1200 | 100 | 400 | 44.8 | 66.6 | |
| 60034-6 | 6 | .377 | 9.5 | 500 | 2500 | 200 | 1000 | 64.4 | 95.9 | |
| 60034-8 | 8 | .437 | 11.0 | 500 | 2500 | 200 | 1000 | 86.2 | 128 | |
| 60034-10 | 10 | .498 | 12.6 | 600 | 2700 | 200 | 1000 | 126 | 188 | |
| 60034-12 | 12 | .513 | 13.0 | 600 | 2700 | 200 | 1000 | 118 | 175 | |
| 60034-14 | 14 | .513 | 13.0 | 600 | 2700 | 200 | 1000 | 116 | 172 | |
| 60034-16 | 16 | .543 | 13.7 | 600 | 2700 | 200 | 1000 | 129 | 193 | |
| 60034-18 | 18 | .572 | 14.5 | 600 | 2700 | 200 | 1000 | 146 | 217 | |

Mechanical Specifications

- Bend radius, no load = 4x cable overall diameter
- Bend radius, load = 10x cable overall diameter

Features



DIELECTRIC MATERIALS

Overall Jacket

RISER

Flame-retardant thermoplastic

PLENUM

Low-smoke, flame-retardant thermoplastic

