

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)

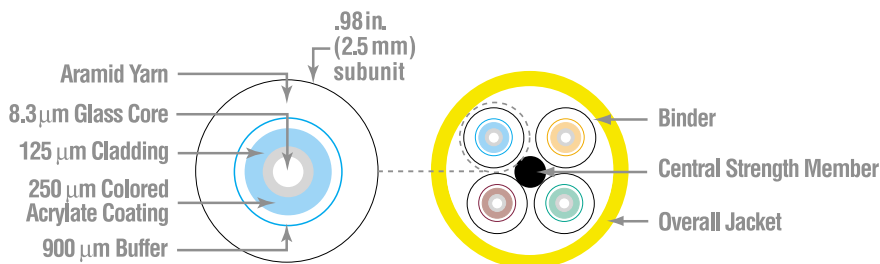
(UL) OFNP c(UL) FT6

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

