

2 through 12 fibers

Product Highlights

- 900 µm buffered design recommended for termination to ST and SC connectors
- 600 µm buffered design optimized for termination to MT-RJ and other small form factor connectors; consult manufacturer for recommended overall diameter
- Each fiber is color coded for easy identification
- Ideal intra-building cable solution
- Flexible and easy to handle
- Lightweight, flexible aramid yarns enhance strength

Options

- Cables with improved attenuation available



2-fiber



4-fiber



6-fiber



8-fiber



10-fiber



12-fiber

Diagram scale approx. 2:1

Singlemode SingleUnit (Riser)

(UL) OFNR c(UL) FT4

HITACHI PART NO.	FIBER COUNT	CABLE O.D.		MAXIMUM LOAD		OPERATION		CABLE WEIGHT		
		in.	mm	INSTALL lbs-f	N	lbs-f	N	lbs/1000ft	kg/1000m	
8.3/125 µm Singlemode (8.3/125/250/900)										
60012-2	2	.190	4.8	90	400	30	140	11.5	16.9	
60014-4	4	.190	4.8	300	1200	100	400	13.0	19.1	
60014-6	6	.190	4.8	300	1200	100	400	14.5	21.3	
60014-8	8	.230	5.8	500	2500	200	1000	18.5	27.2	
60014-10	10	.230	5.8	600	2700	200	1000	20.0	29.4	
60014-12	12	.230	5.8	600	2700	200	1000	21.5	31.6	
8.3/125 µm Singlemode (8.3/125/250/600) *Special Applications										
60479-2	2	.190	4.8	90	400	30	140	10.8	15.8	
60550-4	4	.190	4.8	300	1200	100	400	11.7	17.2	
60550-6	6	.190	4.8	300	1200	100	400	12.5	18.4	
60550-8	8	.230	5.8	500	2500	200	1000	15.8	23.2	
60550-10	10	.230	5.8	600	2700	200	1000	16.7	24.5	
60550-12	12	.230	5.8	600	2700	200	1000	17.5	25.7	

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	5,000 m at 1550 nm

SingleUnit

Singlemode

Singlemode SingleUnit (Plenum)

(UL) OFNP c(UL) FT6

HITACHI PART NO.	FIBER COUNT	CABLE O.D.		MAXIMUM LOAD INSTALL		OPERATION		CABLE WEIGHT		
		in.	mm	lbs-f	N	lbs-f	N	lbs/1000ft	kg/1000m	
8.3/125 μ m Singlemode (8.3/125/250/900)										
60031-2	2	.190	4.8	90	400	30	140	13.1	17.3	
60029-4	4	.190	4.8	300	1200	100	400	14.8	21.8	
60029-6	6	.190	4.8	300	1200	100	400	16.5	24.3	
60029-8	8	.230	5.8	500	2500	200	1000	21.0	30.9	
60029-10	10	.230	5.8	600	2700	200	1000	22.7	33.4	
60029-12	12	.230	5.8	600	2700	200	1000	24.4	35.9	

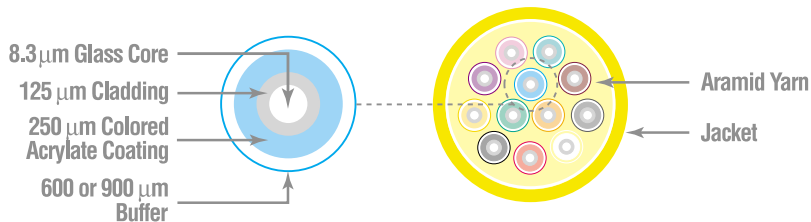
8.3/125 μ m Singlemode (8.3/125/250/600) *Special Applications

60484-2	2	.190	4.8	90	400	30	140	12.5	18.4
60551-4	4	.190	4.8	300	1200	100	400	13.4	19.7
60551-6	6	.190	4.8	300	1200	100	400	14.4	21.2
60551-8	8	.230	5.8	500	2500	200	1000	18.2	26.8
60551-10	10	.230	5.8	600	2700	200	1000	19.2	28.2
60551-12	12	.230	5.8	600	2700	200	1000	20.2	29.7

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

