

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. 2:1

62.5/125 μ m Multimode Breakout (Riser)

(UL) OFNR c(UL) FT4

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	
62.5/125 μ m Multimode (62.5/125/250/900)										
60018-2	2	.318	8.0	300	1200	100	400	39.9	59.4	
60018-4	4	.318	8.0	300	1200	100	400	38.9	57.9	
60018-6	6	.377	9.5	500	2500	200	1000	57.3	85.3	
60018-8	8	.437	11.0	500	2500	200	1000	76.2	113	
60018-10	10	.498	12.6	600	2700	200	1000	111	165	
60018-12	12	.513	13.0	600	2700	200	1000	103	153	
60018-14	14	.513	13.0	600	2700	200	1000	103	154	
60018-16	16	.543	13.7	600	2700	200	1000	116	173	
60018-18	18	.572	14.5	600	2700	200	1000	132	196	

62.5/125 μ m StratusClear™ Multimode (62.5/125/250/900)

60658-2	2	.318	8.0	300	1200	100	400	39.9	59.4
60658-4	4	.318	8.0	300	1200	100	400	38.9	57.9
60658-6	6	.377	9.5	500	2500	200	1000	57.3	85.3
60658-8	8	.437	11.0	500	2500	200	1000	76.2	113
60658-10	10	.498	12.6	600	2700	200	1000	111	165
60658-12	12	.513	13.0	600	2700	200	1000	103	153
60658-14	14	.513	13.0	600	2700	200	1000	103	154
60658-16	16	.543	13.7	600	2700	200	1000	116	173
60658-18	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

	62.5/125 μ m MULTIMODE	STRATUSCLEAR 62.5/125 μ m MULTIMODE
MAXIMUM ATTENUATION	≤ 3.5 dB/km at 850 nm ≤ 1.0 dB/km at 1300 nm	≤ 3.25 dB/km at 850 nm ≤ 1.0 dB/km at 1300 nm
MINIMUM BANDWIDTH (OFL)	200 MHz•km at 850 nm 500 MHz•km at 1300 nm	200 MHz•km at 850 nm 500 MHz•km at 1300 nm
MINIMUM BANDWIDTH (RML)	220 MHz•km at 850 nm n/a	385 MHz•km at 850 nm n/a
GIGABIT ETHERNET SUPPORT DISTANCE	300 m at 850 nm 550 m at 1300 nm	500 m at 850 nm 1000 m at 1300 nm

Breakout

62.5/125 μm and StratusClear™ Multimode

62.5/125 μm Multimode 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	
62.5/125 μm Multimode (62.5/125/250/900)										
60035-2	2	.318	8.0	300	1200	100	400	47.3	70.4	
60035-4	4	.318	8.0	300	1200	100	400	44.8	66.6	
60035-6	6	.377	9.5	500	2500	200	1000	64.4	95.9	
60035-8	8	.437	11.0	500	2500	200	1000	86.2	128	
60035-10	10	.498	12.6	600	2700	200	1000	126	188	
60035-12	12	.513	13.0	600	2700	200	1000	118	175	
60035-14	14	.513	13.0	600	2700	200	1000	116	172	
60035-16	16	.543	13.7	600	2700	200	1000	129	193	
60035-18	18	.572	14.5	600	2700	200	1000	146	217	

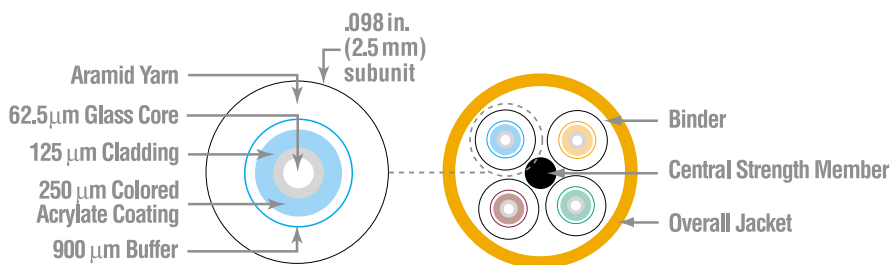
62.5/125 μm StratusClear™ Multimode (62.5/125/250/900)

60659-2	2	.318	8.0	300	1200	100	400	47.3	70.4
60659-4	4	.318	8.0	300	1200	100	400	44.8	66.6
60659-6	6	.377	9.5	500	2500	200	1000	64.4	95.9
60659-8	8	.437	11.0	500	2500	200	1000	86.2	128
60659-10	10	.498	12.6	600	2700	200	1000	126	188
60659-12	12	.513	13.0	600	2700	200	1000	118	175
60659-14	14	.513	13.0	600	2700	200	1000	116	172
60659-16	16	.543	13.7	600	2700	200	1000	129	193
60659-18	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

