

SingleUnit 2 through 24 fibers

Product Highlights

- RoHS compliant
- 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
- Low smoke zero halogen available
- Cables with extended 10 Gigabit Ethernet support distances available
- Standard colors are yellow for singlemode, orange for multimode and teal for 10 Gigabit other colors are available



2-fiber



4-fiber



6-fiber



8-fiber



10-fiber



12-fiber

Diagram scale approx. 2:1

50/125 μm Multimode SingleUnit (Riser)

(UL) OFNR c(UL)us FT4

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	
50/125 μm Multimode (50/125/250/900)										
60063-2	2	.190	4.8	128	569	64	284	11.5	17.1	
60516-4	4	.190	4.8	128	569	64	284	13.0	19.4	
60516-6	6	.190	4.8	128	569	64	284	14.5	21.6	
60516-8	8	.230	5.8	160	712	80	356	18.5	27.6	
60516-10	10	.230	5.8	160	712	80	356	20.0	29.8	
60516-12	12	.230	5.8	160	712	80	356	21.5	32.0	
60516-24	24	.350	8.8	288	1282	144	641	52.4	78.1	
50/125 μm StratusClear™ Multimode (50/125/250/900)										
60463-2	2	.190	4.8	128	569	64	284	11.5	17.1	
60520-4	4	.190	4.8	128	569	64	284	13.0	19.4	
60520-6	6	.190	4.8	128	569	64	284	14.5	21.6	
60520-8	8	.230	5.8	160	712	80	356	18.5	27.6	
60520-10	10	.230	5.8	160	712	80	356	20.0	29.8	
60520-12	12	.230	5.8	160	712	80	356	21.5	32.0	
60520-24	24	.350	8.8	288	1282	144	641	52.4	78.1	
50/125 μm Multimode (50/125/250/600) *Special Applications										
60442-2	2	.190	4.8	128	569	64	284	10.8	16.1	
60543-4	4	.190	4.8	128	569	64	284	11.5	17.1	
60543-6	6	.190	4.8	128	569	64	284	12.2	18.2	
60543-8	8	.230	5.8	160	712	80	356	15.5	23.1	
60543-10	10	.230	5.8	160	712	80	356	16.2	24.1	
60543-12	12	.230	5.8	160	712	80	356	17.0	25.3	
60543-24	24	.350	8.8	288	1282	144	641	52.4	78.1	
50/125 μm StratusClear™ Multimode (50/125/250/600) *Special Applications										
60447-2	2	.190	4.8	128	569	64	284	10.8	16.1	
60546-4	4	.190	4.8	128	569	64	284	11.5	17.1	
60546-6	6	.190	4.8	128	569	64	284	12.2	18.2	
60546-8	8	.230	5.8	160	712	80	356	15.5	23.1	
60546-10	10	.230	5.8	160	712	80	356	16.2	24.1	
60546-12	12	.230	5.8	160	712	80	356	17.0	25.3	
60546-24	24	.350	8.8	288	1282	144	641	52.4	78.1	

Optical Specifications

TIA/EIA-568-B.3/B.3-1 | ISO/IEC 11801, 2nd edition | Bellcore GR-409-CORE

	50/125 μm MULTIMODE	STRATUSCLEAR 50/125 μm 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)	500 MHz•km at 850 nm 500 MHz•km at 1300 nm	1500 MHz•km at 850 nm 500 MHz•km at 1300 nm
MINIMUM BANDWIDTH (RML)	510 MHz•km at 850 nm n/s	2000 MHz•km at 850 nm n/s
GIGABIT ETHERNET SUPPORT DISTANCE	600 m at 850 nm 600 m at 1300 nm	1000 m at 850 nm 1000 m at 1300 nm
10 GIGABIT ETHERNET SUPPORT DISTANCE	n/a n/a	300 m at 850 nm n/a

HCM reserves the right to revise any specifications.

50/125 μm Multimode SingleUnit (Plenum)

(UL) OFNP c(UL)us FT6

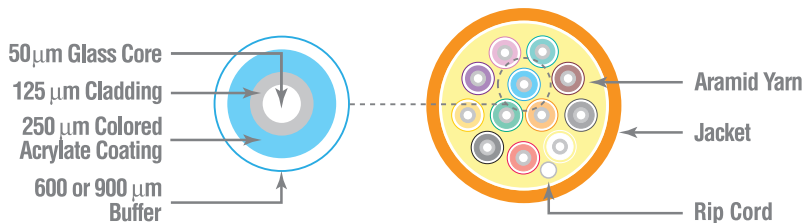
HITACHI PART NO.	FIBER COUNT	CABLE O.D.		MAXIMUM LOAD INSTALL		OPERATION		CABLE WEIGHT		
		in.	mm	lbs-f	N	lbs-f	N	lbs/1000ft	kg/1000m	
50/125 μm Multimode (50/125/250/900)										
60026-2	2	.190	4.8	128	569	64	284	13.3	19.8	
60518-4	4	.190	4.8	128	569	64	284	14.5	21.6	
60518-6	6	.190	4.8	128	569	64	284	15.7	23.4	
60518-8	8	.230	5.8	160	712	80	356	20.9	31.1	
60518-10	10	.230	5.8	160	712	80	356	21.7	32.3	
60518-12	12	.230	5.8	160	712	80	356	23.0	34.3	
60518-24	24	.350	8.8	288	1282	144	641	52.4	78.1	
50/125 μm StratusClear™ Multimode (50/125/250/900)										
60471-2	2	.190	4.8	128	569	64	284	13.3	19.8	
60522-4	4	.190	4.8	128	569	64	284	14.5	21.6	
60522-6	6	.190	4.8	128	569	64	284	15.7	23.4	
60522-8	8	.230	5.8	160	712	80	356	20.9	31.1	
60522-10	10	.230	5.8	160	712	80	356	21.7	32.3	
60522-12	12	.230	5.8	160	712	80	356	23.0	34.3	
60522-24	24	.350	8.8	288	1282	144	641	52.4	78.1	
50/125 μm Multimode (50/125/250/600) *Special Applications										
60452-2	2	.190	4.8	128	569	64	284	12.5	18.6	
60544-4	4	.190	4.8	128	569	64	284	13.0	19.4	
60544-6	6	.190	4.8	128	569	64	284	13.4	20.0	
60544-8	8	.230	5.8	160	712	80	356	17.4	25.9	
60544-10	10	.230	5.8	160	712	80	356	17.9	26.7	
60544-12	12	.230	5.8	160	712	80	356	18.4	27.4	
60544-24	24	.350	8.8	288	1282	144	641	52.4	78.1	
50/125 μm StratusClear™ Multimode (50/125/250/600) *Special Applications										
60457-2	2	.190	4.8	128	569	64	284	12.5	18.6	
60547-4	4	.190	4.8	128	569	64	284	13.0	19.4	
60547-6	6	.190	4.8	128	569	64	284	13.4	20.0	
60547-8	8	.230	5.8	160	712	80	356	17.4	25.9	
60547-10	10	.230	5.8	160	712	80	356	17.9	26.7	
60547-12	12	.230	5.8	160	712	80	356	18.4	27.4	
60547-24	24	.350	8.8	288	1282	144	641	52.4	78.1	

Mechanical Specifications

- Bend radius, no load = 10x cable overall diameter
- Bend radius, load = 15x cable overall diameter



Features



DIELECTRIC MATERIALS

Overall Jacket

RISER

Flame-retardant thermoplastic

PLENUM

Low-smoke, flame-retardant thermoplastic