

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
- 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

62.5/125 μm Multimode SingleUnit (Riser)

(UL) OFNR c(UL)us 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	
62.5/125 μm Multimode (62.5/125/250/900)										
60514-2	2	.190	4.8	128	569	64	284	11.5	17.1	
60515-4	4	.190	4.8	128	569	64	284	13.0	19.4	
60515-6	6	.190	4.8	128	569	64	284	14.5	21.6	
60515-8	8	.230	5.8	160	712	80	356	18.5	27.6	
60515-10	10	.230	5.8	160	712	80	356	20.0	29.8	
60515-12	12	.230	5.8	160	712	80	356	21.5	32.0	
60515-24	24	.350	8.8	288	1282	144	641	52.4	78.1	
62.5/125 μm StratusClear™ Multimode (62.5/125/250/900)										
60326-2	2	.190	4.8	128	569	64	284	11.5	17.1	
60519-4	4	.190	4.8	128	569	64	284	13.0	19.4	
60519-6	6	.190	4.8	128	569	64	284	14.5	21.6	
60519-8	8	.230	5.8	160	712	80	356	18.5	27.6	
60519-10	10	.230	5.8	160	712	80	356	20.0	29.8	
60519-12	12	.230	5.8	160	712	80	356	21.5	32.0	
60519-24	24	.350	8.8	288	1282	144	641	52.4	78.1	
62.5/125 μm Multimode (62.5/125/250/600) *Special Applications										
60508-2	2	.190	4.8	128	569	64	284	10.8	16.1	
60529-4	4	.190	4.8	128	569	64	284	11.5	17.1	
60529-6	6	.190	4.8	128	569	64	284	12.2	18.2	
60529-8	8	.230	5.8	160	712	80	356	15.5	23.1	
60529-10	10	.230	5.8	160	712	80	356	16.2	24.1	
60529-12	12	.230	5.8	160	712	80	356	17.0	25.3	
60529-24	24	.350	8.8	288	1282	144	641	52.4	78.1	
62.5/125 μm StratusClear™ Multimode (62.5/125/250/600) *Special Applications										
60509-2	2	.190	4.8	128	569	64	284	10.8	16.1	
60532-4	4	.190	4.8	128	569	64	284	11.5	17.1	
60532-6	6	.190	4.8	128	569	64	284	12.2	18.2	
60532-8	8	.230	5.8	160	712	80	356	15.5	23.1	
60532-10	10	.230	5.8	160	712	80	356	16.2	24.1	
60532-12	12	.230	5.8	160	712	80	356	17.0	25.3	
60532-24	24	.350	8.8	288	1282	144	641	52.4	78.1	

Optical Specifications

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

	62.5/125 μm MULTIMODE	STRATUSCLEAR 62.5/125 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)	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 1,000 m at 1300 nm

HCM reserves the right to revise any specifications.

62.5/125 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/1000 ft	kg/1000m	
62.5/125 μm Multimode (62.5/125/250/900)										
60024-2	2	.190	4.8	128	569	64	284	13.3	19.8	
60517-4	4	.190	4.8	128	569	64	284	14.5	21.6	
60517-6	6	.190	4.8	128	569	64	284	15.7	23.4	
60517-8	8	.230	5.8	160	712	80	356	20.9	31.1	
60517-10	10	.230	5.8	160	712	80	356	21.7	32.3	
60517-12	12	.230	5.8	160	712	80	356	23.0	34.3	
60517-24	24	.350	8.8	288	1282	144	641	52.4	78.1	

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

60332-2	2	.190	4.8	128	569	64	284	13.3	19.8
60521-4	4	.190	4.8	128	569	64	284	14.5	21.6
60521-6	6	.190	4.8	128	569	64	284	15.7	23.4
60521-8	8	.230	5.8	160	712	80	356	20.9	31.1
60521-10	10	.230	5.8	160	712	80	356	21.7	32.3
60521-12	12	.230	5.8	160	712	80	356	23.0	34.3
60521-24	24	.350	8.8	288	1282	144	641	52.4	78.1

62.5/125 μm Multimode (62.5/125/250/600) *Special Applications

60510-2	2	.190	4.8	128	569	64	284	12.5	18.6
60530-4	4	.190	4.8	128	569	64	284	13.0	19.4
60530-6	6	.190	4.8	128	569	64	284	13.4	20.0
60530-8	8	.230	5.8	160	712	80	356	17.4	25.9
60530-10	10	.230	5.8	160	712	80	356	17.9	26.7
60530-12	12	.230	5.8	160	712	80	356	18.4	27.4
60530-24	24	.350	8.8	288	1282	144	641	52.4	78.1

62.5/125 μm StratusClear™ Multimode (62.5/125/250/600) *Special Applications

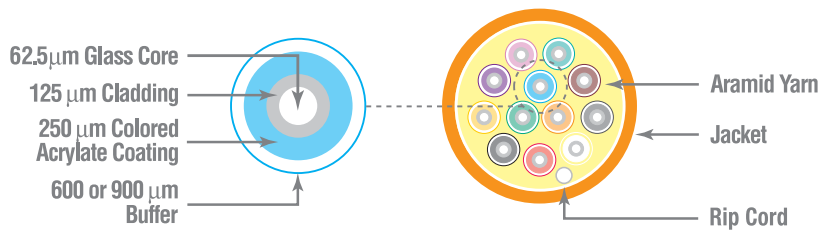
60511-2	2	.190	4.8	128	569	64	284	12.5	18.6
60533-4	4	.190	4.8	128	569	64	284	13.0	19.4
60533-6	6	.190	4.8	128	569	64	284	13.4	20.0
60533-8	8	.230	5.8	160	712	80	356	17.4	25.9
60533-10	10	.230	5.8	160	712	80	356	17.9	26.7
60533-12	12	.230	5.8	160	712	80	356	18.4	27.4
60533-24	24	.350	8.8	288	1282	144	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