

Loose Tube 12 through 144 fibers

Product Highlights

- RoHS compliant
- UV resistant jacket
- Gel filled loose tubes provide protection against water penetration
- Dry, super absorbent polymers (SAPs) eliminate water migration in cable interstices
- Suitable for lashed aerial, duct, underground conduit and indoor riser applications
- Dual jacket constructions available

Options

- Other configurations and fiber counts available
- Corrugated steel or interlock steel armor available
- Dual jacket constructions available
- Cables with improved attenuation available
- Low smoke zero halogen available
- Cables with extended 10 Gigabit Ethernet support distances available



48-fibers (12 tubes of 4-fibers)



48-fibers (8 tubes of 6-fibers)



48-fibers (6 tubes of 8-fibers)



48-fibers (4 tubes of 12-fibers)

Diagram scale approx. 1:1

50/125 μ m Multimode I/O Loose Tube (Riser)

(UL) OFNR c(UL)us FT4

HITACHI PART NO.	# OF FIBERS PER TUBE	FIBER COUNT	TUBE LAYOUT	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)											
60710-12	2	12	6xCSM	.422	10.7	600	2670	200	890	77.0	114.7
60710-24	2	24	12xCSM	.595	15.1	600	2670	200	890	155.0	231.0
60711-24	4	24	6xCSM	.422	10.7	600	2670	200	890	78.0	116.2
60711-48	4	48	12xCSM	.595	15.1	600	2670	200	890	155.0	231.0
60108-18	6	18	6xCSM	.422	10.7	600	2670	200	890	64.0	95.4
60108-24	6	24	6xCSM	.422	10.7	600	2670	200	890	69.0	102.8
60108-36	6	36	6xCSM	.422	10.7	600	2670	200	890	78.0	116.2
60108-48	6	48	8xCSM	.482	12.2	600	2670	200	890	100.0	149.0
60108-72	6	72	12xCSM	.595	15.1	600	2670	200	890	156.0	232.4
60712-24	8	24	6xCSM	.422	10.7	600	2670	200	890	64.0	95.4
60712-32	8	32	6xCSM	.422	10.7	600	2670	200	890	69.0	102.8
60712-48	8	48	6xCSM	.422	10.7	600	2670	200	890	78.0	117.7
60712-72	8	72	9xCSM	.509	12.9	600	2670	200	890	113.0	168.4
60109-36	12	36	6xCSM	.466	11.8	600	2670	200	890	73.0	108.8
60109-48	12	48	6xCSM	.466	11.8	600	2670	200	890	79.0	117.7
60109-60	12	60	6xCSM	.466	11.8	600	2670	200	890	85.0	126.7
60109-72	12	72	6xCSM	.466	11.8	600	2670	200	890	91.0	135.6
60109-84	12	84	7xCSM	.502	12.7	600	2670	200	890	106.0	157.9
60109-96	12	96	8xCSM	.533	13.5	600	2670	200	890	120.0	178.8
60109-108	12	108	9xCSM	.566	14.3	600	2670	200	890	137.0	204.1
60109-120	12	120	10xCSM	.599	15.2	600	2670	200	890	154.0	229.5
60109-132	12	132	11xCSM	.633	16.0	600	2670	200	890	173.0	257.8
60109-144	12	144	12xCSM	.667	16.9	600	2670	200	890	193.0	287.6

CSM = Central Strength Member

Optical Specifications

TIA/EIA-568-B.3/B.3-1

ISO/IEC 11801, 2nd edition

Bellcore GR-409-CORE

	50/125 μ m MULTIMODE	STRATUSCLEAR 50/125 μ m MULTIMODE
MAXIMUM ATTENUATION	\leq 3.25 dB/km at 850 nm \leq 1.0 dB/km at 1300 nm	\leq 3.0 dB/km at 850 nm \leq 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/a	1400 MHz•km at 850 nm n/a
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 and StratusClear™ Multimode Loose Tube

50/125 μm StratusClear™ I/O Loose Tube (Riser)

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				in.	mm	lbs-f	N	lbs-f	N	lbs/1000ft	kg/1000m
50/125 μm StratusClear™ Multimode (50/125/250)											
60714-12	2	12	6xCSM	.422	10.7	600	2670	200	890	77.0	114.7
60714-24	2	24	12xCSM	.595	15.1	600	2670	200	890	155.0	231.0
60715-24	4	24	6xCSM	.422	10.7	600	2670	200	890	78.0	116.2
60715-48	4	48	12xCSM	.595	15.1	600	2670	200	890	155.0	231.0
60716-18	6	18	6xCSM	.422	10.7	600	2670	200	890	64.0	95.4
60716-24	6	24	6xCSM	.422	10.7	600	2670	200	890	69.0	102.8
60716-36	6	36	6xCSM	.422	10.7	600	2670	200	890	78.0	116.2
60716-48	6	48	8xCSM	.482	12.2	600	2670	200	890	100.0	149.0
60716-72	6	72	12xCSM	.595	15.1	600	2670	200	890	156.0	232.4
60717-24	8	24	6xCSM	.422	10.7	600	2670	200	890	64.0	95.4
60717-32	8	32	6xCSM	.422	10.7	600	2670	200	890	69.0	102.8
60717-48	8	48	6xCSM	.422	10.7	600	2670	200	890	78.0	117.7
60717-72	8	72	9xCSM	.509	12.9	600	2670	200	890	113.0	168.4
60719-36	12	36	6xCSM	.466	11.8	600	2670	200	890	73.0	108.8
60719-48	12	48	6xCSM	.466	11.8	600	2670	200	890	79.0	117.7
60719-60	12	60	6xCSM	.466	11.8	600	2670	200	890	85.0	126.7
60719-72	12	72	6xCSM	.466	11.8	600	2670	200	890	91.0	135.6
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60719-120	12	120	10xCSM	.599	15.2	600	2670	200	890	154.0	229.5
60719-132	12	132	11xCSM	.633	16.0	600	2670	200	890	173.0	257.8
60719-144	12	144	12xCSM	.667	16.9	600	2670	200	890	193.0	287.6

CSM = Central Strength Member

Mechanical Specifications

Bend radius

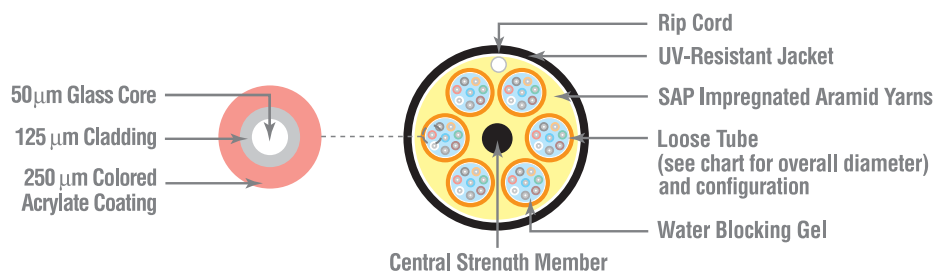
- No load = 10x cable overall diameter
- Load = 15x cable overall diameter

Loose Tube Diameter

	in.	mm
2-fibers per tube	.095	2.4
4-fibers per tube	.095	2.4
6-fibers per tube	.095	2.4
8-fibers per tube	.095	2.4
12-fibers per tube	.110	2.8



Features



DIELECTRIC MATERIALS

Overall Jacket

RISER

Flame-retardant thermoplastic



Indoor/Outdoor