

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



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

8.3/125 μm Singlemode 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				CABLE WEIGHT		
				in.	mm	INSTALL lbs-f	N	OPERATION lbs-f	N	lbs/1000ft	kg/1000m	
8.3/125 μm Singlemode (8.3/125/250)												
60720-12	2	12	6xC5M	.422	10.7	600	2670	200	890	77.0	114.7	
60720-24	2	24	12xC5M	.595	15.1	600	2670	200	890	155.0	231.0	
60721-24	4	24	6xC5M	.422	10.7	600	2670	200	890	78.0	116.2	
60721-48	4	48	12xC5M	.595	15.1	600	2670	200	890	155.0	231.0	
60110-18	6	18	6xC5M	.422	10.7	600	2670	200	890	64.0	95.4	
60110-24	6	24	6xC5M	.422	10.7	600	2670	200	890	69.0	102.8	
60110-36	6	36	6xC5M	.422	10.7	600	2670	200	890	78.0	116.2	
60110-48	6	48	8xC5M	.482	12.2	600	2670	200	890	100.0	149.0	
60110-72	6	72	12xC5M	.595	15.1	600	2670	200	890	156.0	232.4	
60722-24	8	24	6xC5M	.422	10.7	600	2670	200	890	64.0	95.4	
60722-32	8	32	6xC5M	.422	10.7	600	2670	200	890	69.0	102.8	
60722-48	8	48	6xC5M	.422	10.7	600	2670	200	890	78.0	117.7	
60722-72	8	72	9xC5M	.509	12.9	600	2670	200	890	113.0	168.4	
60111-36	12	36	6xC5M	.466	11.8	600	2670	200	890	73.0	108.8	
60111-48	12	48	6xC5M	.466	11.8	600	2670	200	890	79.0	117.7	
60111-60	12	60	6xC5M	.466	11.8	600	2670	200	890	85.0	126.7	
60111-72	12	72	6xC5M	.466	11.8	600	2670	200	890	91.0	135.6	
60111-84	12	84	7xC5M	.502	12.7	600	2670	200	890	106.0	157.9	
60111-96	12	96	8xC5M	.533	13.5	600	2670	200	890	120.0	178.8	
60111-108	12	108	9xC5M	.566	14.3	600	2670	200	890	137.0	204.1	
60111-120	12	120	10xC5M	.599	15.2	600	2670	200	890	154.0	229.5	
60111-132	12	132	11xC5M	.633	16.0	600	2670	200	890	173.0	257.8	
60111-144	12	144	12xC5M	.667	16.9	600	2670	200	890	193.0	287.6	

CSM = Central Strength Member

Optical Specifications

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

	8.3/125 μm SINGLEMODE	8.3/125 μm STRATUSCLEAR SINGLEMODE
MAXIMUM ATTENUATION	≤ 0.40 dB/km at 1310 nm ≤ 0.30 dB/km at 1550 nm	≤ 0.35 dB/km at 1310 nm ≤ 0.25 dB/km at 1550 nm
RECOMMENDED APPLICATION	Optimized for performance in the 1310 nm wavelength window. These cables support today's high capacity, low-cost transmission applications and can also be used to support TDM and WDM applications operating in the 1550 nm wavelength region.	These cables exhibit superior low water peak performance and are optimized for use across a broad wavelength range, including the Extended Band (1360 nm – 1460 nm). StratusClear Singlemode cables support emerging applications utilizing CWDM and SOA technologies.

HCM reserves the right to revise any specifications.

Singlemode

Loose Tube

8.3/125 μm Singlemode StratusClear™ 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

8.3/125 μm StratusClear™ Singlemode (8.3/125/250)

60730-12	2	12	6xCSM	.422	10.7	600	2670	200	890	77.0	114.7
60730-24	2	24	12xCSM	.595	15.1	600	2670	200	890	155.0	231.0
60731-24	4	24	6xCSM	.422	10.7	600	2670	200	890	78.0	116.2
60731-48	4	48	12xCSM	.595	15.1	600	2670	200	890	155.0	231.0
60732-18	6	18	6xCSM	.422	10.7	600	2670	200	890	64.0	95.4
60732-24	6	24	6xCSM	.422	10.7	600	2670	200	890	69.0	102.8
60732-36	6	36	6xCSM	.422	10.7	600	2670	200	890	78.0	116.2
60732-48	6	48	8xCSM	.482	12.2	600	2670	200	890	100.0	149.0
60732-72	6	72	12xCSM	.595	15.1	600	2670	200	890	156.0	232.4
60733-24	8	24	6xCSM	.422	10.7	600	2670	200	890	64.0	95.4
60733-32	8	32	6xCSM	.422	10.7	600	2670	200	890	69.0	102.8
60733-48	8	48	6xCSM	.422	10.7	600	2670	200	890	78.0	116.2
60733-72	8	72	9xCSM	.509	12.9	600	2670	200	890	113.0	168.4
60735-36	12	36	6xCSM	.466	11.8	600	2670	200	890	73.0	108.8
60735-48	12	48	6xCSM	.466	11.8	600	2670	200	890	79.0	117.7
60735-60	12	60	6xCSM	.466	11.8	600	2670	200	890	85.0	126.7
60735-72	12	72	6xCSM	.466	11.8	600	2670	200	890	91.0	135.6
60735-84	12	84	7xCSM	.502	12.7	600	2670	200	890	106.0	157.9
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60735-120	12	120	10xCSM	.599	15.2	600	2670	200	890	154.0	229.5
60735-132	12	132	11xCSM	.633	16.0	600	2670	200	890	173.0	257.8
60735-144	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

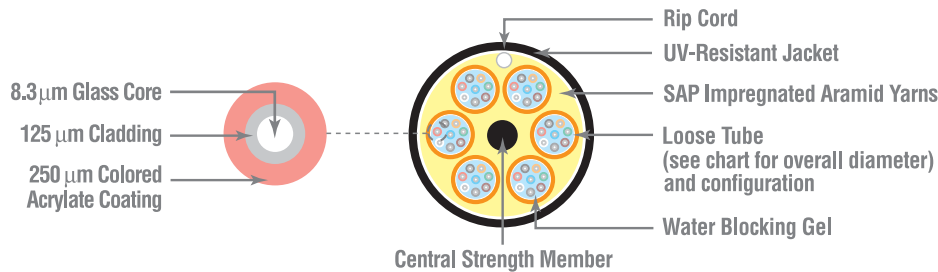
Loose Tube Diameter

	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



Indoor/Outdoor

Features



DIELECTRIC MATERIALS

Overall Jacket

RISER

Flame-retardant thermoplastic

