Loose Tube

12 through 432 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, and underground conduit applications
- Dual jacket constructions available

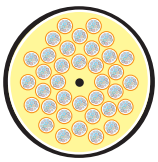
Options

- 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 (4 tubes of 12-fibers)



432-fibers (36 tubes of 12-fibers)

Diagram scale approx. 1:1

62.5/125µm Multimode OSP Loose Tube

HITACHI PART NO.	# OF FIBERS PER TUBE	FIBER COUNT	TUBE LAYOUT	CABLE O.D. in.	CABLE O.D. mm	MAXIMUM LOAD INSTALL lbs·f	MAXIMUM LOAD INSTALL N	OPERATION lbs·f	OPERATION N	CABLE WEIGHT lbs/1000	CABLE WEIGHT kg/1000m
62.5/125 µm Multimode (62.5/125/250)											
60351-12	2	12	6xCSM	.493	12.5	600	2670	200	890	74.0	110.3
60351-24	2	24	12xCSM	.700	17.8	600	2670	200	890	160.0	238.4
60235-24	4	24	6xCSM	.493	12.5	600	2670	200	890	75.0	111.8
60235-48	4	48	12xCSM	.700	17.8	600	2670	200	890	160.0	238.4
60085-18	6	18	5xCSM	.463	11.7	600	2670	200	890	56.0	83.4
60085-24	6	24	5xCSM	.463	11.7	600	2670	200	890	60.0	89.4
60085-36	6	36	6xCSM	.493	12.5	600	2670	200	890	75.0	111.8
60085-48	6	48	8xCSM	.561	14.2	600	2670	200	890	97.0	144.5
60086-12	12	12	5xCSM	.463	11.7	600	2670	200	890	48.0	71.5
60086-24	12	24	5xCSM	.463	11.7	600	2670	200	890	52.0	77.5
60086-36	12	36	5xCSM	.463	11.7	600	2670	200	890	56.0	83.4
60086-48	12	48	5xCSM	.463	11.7	600	2670	200	890	60.0	89.4
60086-60	12	60	5xCSM	.463	11.7	600	2670	200	890	64.0	96.4
60086-72	12	72	6xCSM	.493	12.5	600	2670	200	890	76.0	113.2
60086-84	12	84	7xCSM	.552	14.0	600	2670	200	890	93.0	138.6
60086-96	12	96	8xCSM	.581	14.8	600	2670	200	890	106.0	157.9
60086-108	12	108	9xCSM	.620	15.7	600	2670	200	890	120.0	178.8
60086-120	12	120	10xCSM	.649	16.5	600	2670	200	890	137.0	204.1
60086-132	12	132	11xCSM	.683	17.3	600	2670	200	890	153.0	228.0
60086-144	12	144	12xCSM	.720	18.3	600	2670	200	890	171.0	255.0
60086-168	12	168	12x6xCSM	.737	18.7	600	2670	200	890	143.0	213.1
60086-192	12	192	12x6xCSM	.737	18.7	600	2670	200	890	151.0	225.0
60086-216	12	216	12x6xCSM	.737	18.7	600	2670	200	890	159.0	236.9
60086-240	12	240	13x7xCSM	.770	19.6	600	2670	200	890	175.0	260.8
60086-264	12	264	14x8xCSM	.805	20.4	600	2670	200	890	196.0	292.0
60086-288	12	288	15x9xCSM	.835	21.2	600	2670	200	890	213.0	317.4
60086-312	12	312	16x10xCSM	.870	22.1	600	2670	200	890	233.0	347.2
60086-336	12	336	17x11xCSM	.902	22.9	600	2670	200	890	255.0	380.0
60086-360	12	360	18x12x6xCSM	.956	24.3	600	2670	200	890	241.0	359.1
60086-384	12	384	18x12x6xCSM	.956	24.3	600	2670	200	890	249.0	371.0
60086-432	12	432	18x12x6xCSM	.956	24.3	600	2670	200	890	266.0	396.3

CSM = Central Strength Member

Optical Specifications

TIA/EIA-568-B.3 | ISO/ IEC 11801, 2nd edition | Bellcore GR-20-CORE

	62.5/125 µm MULTIMODE	STRATUSCLEAR 62.5/125 µm MULTIMODE
MAXIMUM ATTENUATION	≤ 3.25 dB/km at 850 nm ≤ 1.0 dB/km at 1300 nm	≤ 3.0 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 and StratusClear™ Multimode Loose Tube

62.5/125µm StratusClear™ OSP Loose Tube

HITACHI PART NO.	# OF FIBERS PER TUBE	FIBER COUNT	TUBE LAYOUT	CABLE O.D. in.	CABLE O.D. mm	MAXIMUM LOAD INSTALL lbs·f	MAXIMUM LOAD INSTALL N	MAXIMUM LOAD OPERATION lbs·f	MAXIMUM LOAD OPERATION N	CABLE WEIGHT lbs/1000	CABLE WEIGHT kg/1000m
62.5/125 µm StratusClear™ Multimode (62.5/125/250)											
60917-12	2	12	6xCSM	.493	12.5	600	2670	200	890	74.0	110.3
60917-24	2	24	12xCSM	.700	17.8	600	2670	200	890	160.0	238.4
60918-24	4	24	6xCSM	.493	12.5	600	2670	200	890	75.0	111.8
60918-48	4	48	12xCSM	.700	17.8	600	2670	200	890	160.0	238.4
60919-18	6	18	5xCSM	.463	11.7	600	2670	200	890	56.0	83.4
60919-24	6	24	5xCSM	.463	11.7	600	2670	200	890	60.0	89.4
60919-36	6	36	6xCSM	.493	12.5	600	2670	200	890	75.0	111.8
60919-48	6	48	8xCSM	.561	14.2	600	2670	200	890	97.0	144.5
60922-12	12	12	5xCSM	.463	11.7	600	2670	200	890	48.0	71.5
60922-24	12	24	5xCSM	.463	11.7	600	2670	200	890	52.0	77.5
60922-36	12	36	5xCSM	.463	11.7	600	2670	200	890	56.0	83.4
60922-48	12	48	5xCSM	.463	11.7	600	2670	200	890	60.0	89.4
60922-60	12	60	5xCSM	.463	11.7	600	2670	200	890	64.0	95.4
60922-72	12	72	6xCSM	.493	12.5	600	2670	200	890	76.0	113.2
60922-84	12	84	7xCSM	.552	14.0	600	2670	200	890	93.0	138.6
60922-96	12	96	8xCSM	.581	14.8	600	2670	200	890	106.0	157.9
60922-108	12	108	9xCSM	.620	15.7	600	2670	200	890	120.0	178.8
60922-120	12	120	10xCSM	.649	16.5	600	2670	200	890	137.0	204.1
60922-132	12	132	11xCSM	.683	17.3	600	2670	200	890	153.0	228.0
60922-144	12	144	12xCSM	.720	18.3	600	2670	200	890	171.0	254.8
60922-168	12	168	12x6xCSM	.737	18.7	600	2670	200	890	143.0	213.1
60922-192	12	192	12x6xCSM	.737	18.7	600	2670	200	890	151.0	225.0
60922-216	12	216	12x6xCSM	.737	18.7	600	2670	200	890	159.0	236.9
60922-240	12	240	13x7xCSM	.770	19.6	600	2670	200	890	175.0	260.8
60922-264	12	264	14x8xCSM	.805	20.4	600	2670	200	890	196.0	292.0
60922-288	12	288	15x9xCSM	.835	21.2	600	2670	200	890	213.0	317.4
60922-312	12	312	16x10xCSM	.870	22.1	600	2670	200	890	233.0	347.2
60922-336	12	336	17x11xCSM	.902	22.9	600	2670	200	890	255.0	380.0
60922-360	12	360	18x12x6xCSM	.956	24.3	600	2670	200	890	241.0	359.1
60922-384	12	384	18x12x6xCSM	.956	24.3	600	2670	200	890	249.0	371.0
60922-432	12	432	18x12x6xCSM	.956	24.3	600	2670	200	890	266.0	396.3

CSM = Central Strength Member

Mechanical Specifications

Bend radius

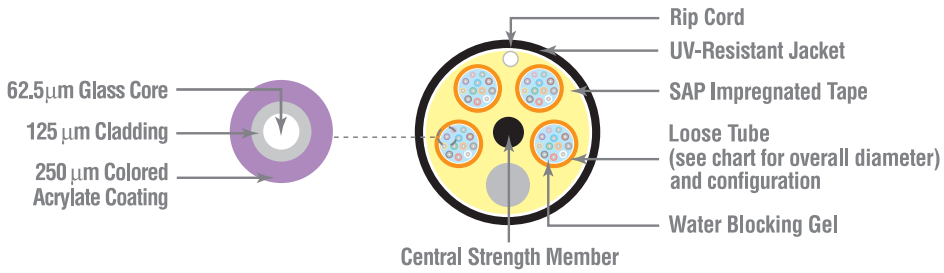
- No load = 10x cable overall diameter
- Load = 20x cable overall diameter

Loose Tube Diameter

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

plus CORNING™ Optical Fiber

Features



DIELECTRIC MATERIALS

Overall Jacket

RISER

Medium density polyolefin

Photo is for representation purposes only.

Outdoor