

Tight Buffered 2 through 72 fibers

Product Highlights

- RoHS compliant
- UV resistant jacket
- Tight buffered construction
- Each fiber is color coded for easy identification
- Dry, super absorbent polymers (SAPs) eliminate water migration in cable interstices
- Suitable for lashed aerial, duct, underground conduit and indoor riser applications

Options

- Cables with improved attenuation available
- Other fiber counts available
- Low smoke zero halogen available



6-fiber



12-fiber

Diagram scale approx. 3:1

8.3/125 μm Singlemode I/O Tight Buffered (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 Singlemode (8.3/125/250/900)											
61349-2	X	2	X	.190	4.8	128	570	64	285	12.6	18.7
61349-4	X	4	X	.190	4.8	128	570	64	285	13.9	20.7
61349-6	X	6	X	.190	4.8	128	570	64	285	15.1	22.5
61349-8	X	8	X	.230	5.8	160	712	80	356	20.0	29.8
61349-10	X	10	X	.230	5.8	160	712	80	356	21.3	31.7
61349-12	X	12	X	.230	5.8	160	712	80	356	22.5	33.5
61349-24	X	24	X	.350	8.8	288	1282	144	641	52.4	78.1
61415-36	6	36	6xCSM	.657	16.7	600	2671	200	890	135.0	201.2
61363-48	12	48	4xCSM	.647	16.4	600	2671	200	890	145.0	216.1
61363-72	12	72	6xCSM	.816	20.7	600	2671	200	890	156.7	233.5

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
MAXIMUM ATTENUATION		≤ 0.50 dB/km at 1310 nm ≤ 0.50 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.

HCM reserves the right to revise any specifications.

Tight Buffered Multimode and Singlemode

8.3/125 μm Singlemode I/O Tight Buffered (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 (8.3/125/250/900)											
61350-2	X	2	X	.190	4.8	128	570	64	285	12.6	18.8
61350-4	X	4	X	.190	4.8	128	570	64	285	13.9	20.7
61350-6	X	6	X	.190	4.8	128	570	64	285	15.1	22.5
61350-8	X	8	X	.230	5.8	160	712	80	356	20.0	29.8
61350-10	X	10	X	.230	5.8	160	712	80	356	21.3	31.7
61350-12	X	12	X	.230	5.8	160	712	80	356	22.5	33.5
61350-24	X	24	X	.350	8.8	288	1282	144	641	52.4	78.1
61520-36	6	36	6xCSM	.657	16.7	600	2671	200	890	135.0	201.2
61521-48	12	48	4xCSM	.647	16.4	600	2671	200	890	145.0	216.1
61521-72	12	72	6xCSM	.816	20.7	600	2671	200	890	156.7	233.5

CSM = Central Strength Member

Mechanical Specifications

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



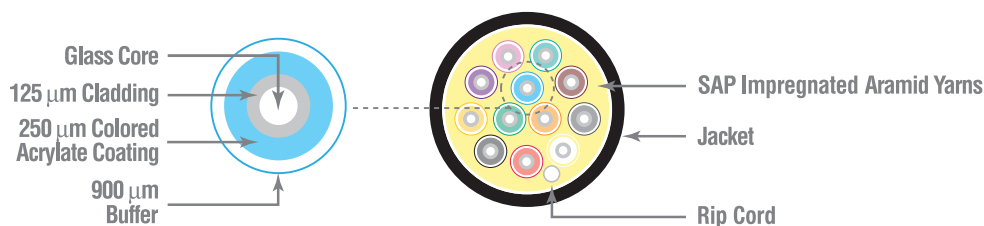
Optical Specifications

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

8.3/125 μm STRATUSCLEAR SINGLEMODE

MAXIMUM ATTENUATION	≤ 0.50 dB/km at 1310 nm ≤ 0.50 dB/km at 1550 nm
RECOMMENDED APPLICATION	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.

Features



DIELECTRIC MATERIALS

Overall Jacket

RISER

Flame-retardant thermoplastic

PLENUM

Low-smoke, flame-retardant thermoplastic

