

Optical Fiber Code Cross-Reference

Fiber Type	General Cable	Corning® Optical Fiber	Description
Standard Loose Tube SM	AQ	SMF-28e+™ Fiber	Full spectrum, low water peak singlemode, ITU-T G.652.D
Performance Loose Tube SM	AT	SMF-28e+™ Fiber	Full spectrum, high performance low water peak singlemode with 0.35/0.25 attenuation, ITU-T G.652.D
Tight Buffer SM	AP	SMF-28e+™ Fiber	Full spectrum, low water peak singlemode with 900µm PVC buffer, ITU-T G.652.D
Long-Haul SM	AL	LEAF® Fiber	Large A _{eff} , low water peak, NZ-DSF singlemode, ITU-T G.655
Bend-Insensitive SM	AB	SMF-28e® XB Fiber	Full spectrum with improved macrobending performance, ITU-T G.652.D and ITU-T G.657.A
62.5 µm MM	CG	InfiniCor® 300 Fiber	1 Gb/s ≤ 300 m at 850 nm, OM1* 1 Gb/s ≤ 550 m at 1300 nm
62.5 µm MM	CL	InfiniCor® CL™ 1000 Fiber	1 Gb/s ≤ 500 m at 850 nm, OM1* 1 Gb/s ≤ 1000 m at 1300 nm
50 µm MM	BI	InfiniCor® SXi Fiber	10 Gb/s ≤ 150 m at 850 nm, OM2* 1 Gb/s ≤ 750 m at 850 nm
50 µm MM	BE	InfiniCor® SX+ Fiber	10 Gb/s ≤ 300 m at 850 nm, OM3* 1 Gb/s ≤ 1000 m at 850 nm
50 µm MM	BL	InfiniCor® eSX+ Fiber	10 Gb/s ≤ 550 m at 850 nm, OM4* 1 Gb/s ≤ 1100 m at 850 nm
50 µm MM	BM	InfiniCor® eSX+ Fiber	10 Gb/s ≤ 600 m at 850 nm, OM4* 1 Gb/s ≤ 1100 m at 850 nm
Ultra-bendable 50 µm MM	BC	ClearCurve® OM3 Fiber	10 Gb/s ≤ 300 m at 850 nm, OM3* 1 Gb/s ≤ 1000 m at 850 nm
Ultra-bendable 50 µm MM	BB	ClearCurve® OM4 Fiber	10 Gb/s ≤ 550 m at 850 nm, OM4* 1 Gb/s ≤ 1100 m at 850 nm

* Designation per ISO 11801 Fiber Standards

SMF-28e+ is a trademark and Corning, LEAF, InfiniCor and Plus Corning Optical Fiber are registered trademarks of Corning Incorporated, Corning, NY, U.S.A.

MULTIMODE FIBER SELECTION GUIDE

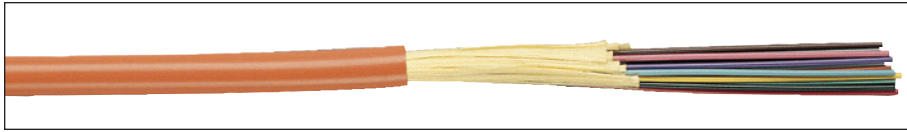
Optical Characteristics:		50/125 PRODUCT FAMILY						62.5/125 PRODUCT FAMILY		UNITS
		OM2 Type-BI	OM3 Type-BE	OM4 Type-BL	OM4 Type-BM	OM3 Type-BC	OM4 Type-BB	OM1 Type-CG	OM1 Type-CL	
Maximum Finished Cable Attenuation Coefficient	@850 nm	3.0	3.0	3.0	3.0	3.0	3.0	3.5	3.5	dB/km
	@1300 nm	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	dB/km
Overfill Launch Bandwidth	@850 nm	700	1500	1500	1500	1500	1500	200	200	MHz.km
	@1300 nm	500	500	500	500	500	500	500	500	MHz.km
Laser Bandwidth	@850 nm	850	2000	4700	5350*	2000	4700	220	385	MHz.km
Gigabit Ethernet Link Length (1 Gbps)	1000BASE-SX (850 nm)	750	1000	1100	1100	1000	1100	300	500	meters
	1000BASE-LX (1300 nm)	550	550	550	550	550	550	550	1000	meters
10 Gigabit Ethernet Length (10 Gbps)	10GBASE-SR (850 nm)	150	300	550	600	300	550	33	33	meters

* Using 3.0 dB cable attenuation and 0.7 dB connector allocation

SINGLEMODE FIBER SELECTION GUIDE

FIBER DESCRIPTION	FIBER TYPE	TYPICAL ATTENUATION (dB/km)				GIGABIT ETHERNET DISTANCE (METERS)		10 GIGABIT ETHERNET DISTANCE (METERS)	
		1310 nm	1383 nm	1550 nm	1625 nm	1310 nm	1310 nm	1550 nm	
Singlemode - Loose Tube									
Premium	AQ	0.40	0.40	0.30	0.35	10,000	5,000	30,000	
High Performance	AT	0.35	0.35	0.25	0.30	10,000	5,000	30,000	
Singlemode - Tight Buffer									
Super	AP	0.65	-	0.65	-	10,000	5,000	30,000	
Breakout	AP	1.00	-	1.00	-	10,000	5,000	30,000	

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TIGHT BUFFER DISTRIBUTION RISER CABLE

Type OFNR, CSA FT4
Indoor*

CATALOG NUMBER	FIBER COUNT	NO. OF SUB-UNITS	NOMINAL CABLE DIAMETER		NOMINAL CABLE WEIGHT		MAXIMUM TENSILE LOAD			
			IN	mm	LBS/1000'	kg/km	INSTALLATION		IN-SERVICE	
XX0021PNR	2	—	0.19	5	14	20	225	1000	65	290
XX0061PNR	6	—	0.22	6	18	27	225	1000	65	290
XX0121PNR	12	—	0.25	6	24	36	320	1425	112	500
XX0241PNR	24	—	0.34	9	47	70	320	1425	112	500

XX Denotes glass type.

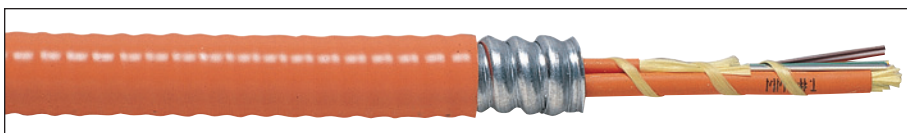


TIGHT BUFFER DISTRIBUTION PLENUM CABLE

Type OFNP, CSA FT6
Indoor*

CATALOG NUMBER	FIBER COUNT	NO. OF SUB-UNITS	NOMINAL CABLE DIAMETER		NOMINAL CABLE WEIGHT		MAXIMUM TENSILE LOAD			
			IN	mm	LBS/1000'	kg/km	INSTALLATION		IN-SERVICE	
XX0021PNU	2	—	.17	4	12	17	225	1000	65	290
XX0061PNU	6	—	.20	5	16	24	225	1000	65	290
XX0121PNU	12	—	.23	6	23	34	320	1423	112	500
XX0241PNU	24	—	.32	8	45	67	320	1423	112	500

XX Denotes glass type.



TIGHT BUFFER DISTRIBUTION INTERLOCK ARMORED RISER CABLE

Type OFCR, CSA FT4
Indoor*

CATALOG NUMBER	FIBER COUNT	NO. OF SUB-UNITS	NOMINAL CABLE DIAMETER		NOMINAL CABLE WEIGHT		MAXIMUM TENSILE LOAD			
			IN	mm	LBS/1000'	kg/km	INSTALLATION		IN-SERVICE	
XX0021PNR-ILRA	2	1	0.52	13.2	90	134	550	2447	165	734
XX0041PNR-ILRA	4	1	0.52	13.2	92	137	550	2447	165	734
XX0061PNR-ILRA	6	1	0.52	13.2	94	140	550	2447	165	734
XX0121PNR-ILRA	12	1	0.52	13.2	100	149	550	2447	165	734
XX0241PNR-ILRA	24	1	0.67	17.0	150	223	550	2447	165	734

XX Denotes glass type.

NOTE: More fiber counts are available upon request. See Fiber Optic Catalog for complete product information.
* Not for aerial or direct burial applications