

2-24 Fiber I/O Distribution

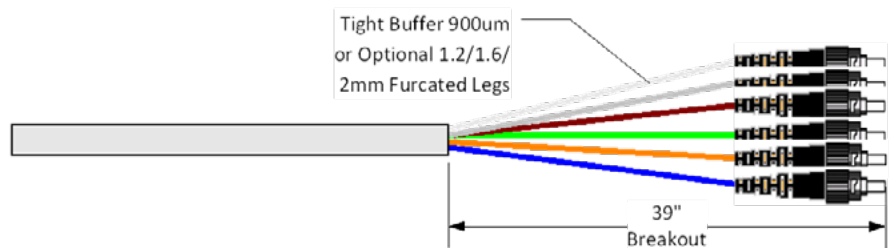
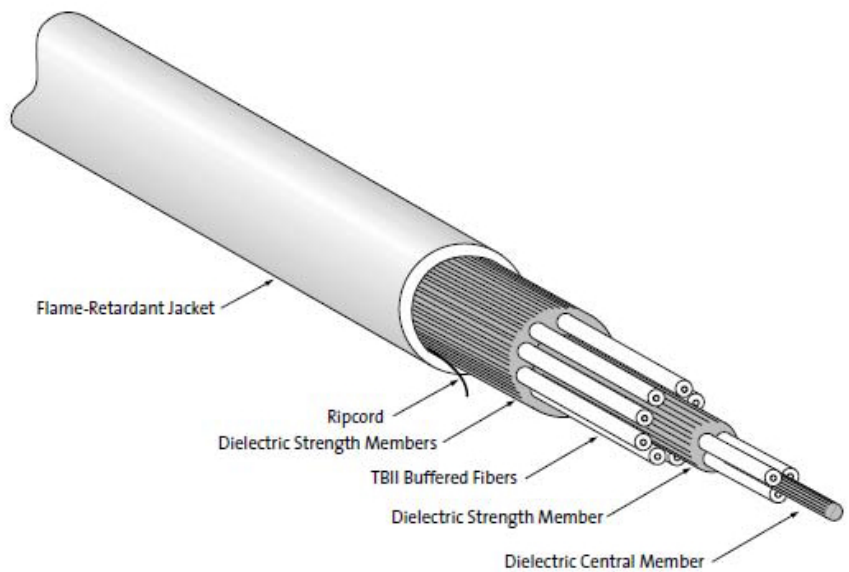
Indoor/Outdoor Tight Buffer 900um Distribution Cable

CPE/Premise Wiring

FTTx

DOT

Utility/Municipality



Indoor/Outdoor tight buffer 900um distribution cable, designed for routing aerial, duct and indoor premise applications. Available in both Riser and Plenum rated jackets. Assemblies are factory terminated to length to save considerable time and money by eliminating the need for field terminations.

KEY PRODUCT BENEFITS

- ▶ 2-24 tight buffer 900um fiber strands
- ▶ Water blocking aramid yarn strength members
- ▶ Jacket is UV, water and fungus resistant
- ▶ Available with 2mm furcated legs for direct equipment termination
- ▶ Available with pulling grip installed with staggered legs to reduce connector OD

INDUSTRY STANDARDS

- ▶ Meets GR-409 requirements



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Indoor/Outdoor Tight Buffer 900um Distribution Cable

SPECIFICATIONS

	2 Fiber	4 Fiber	6 Fiber	12 Fiber	24 Fiber
Diameter	0.18	0.20	0.22	0.26	0.35
Weight	14 lb. / 1,000ft	16 lb. / 1,000ft	22 lb. / 1,000ft	25 lb. / 1,000ft	45 lb. / 1,000ft
Min Bend Radius Loaded/Installed	2.9 / 1.9 in.	3.0 / 2.0 in.	3.4 / 2.2 in.	3.8 / 2.6 in.	5.3 / 3.5 in.
Max Loading Short Term/Installed	150 / 40 lb.	225 / 65 lb.	225 / 65 lb.	400 / 135 lb.	400 / 135 lb.
Operational Temperature Range	-20° to + 85° C				

Fiber Code	R	K	C	S
Fiber Type	Singlemode	MM62.5 OM1	MM50 OM2	MM50 OM3
Wavelength (nm)	1310/1550 nm	850/1300 nm	850/1300 nm	850/1300 nm
Maximum Attenuation (dB/km)	1.0/0.75 dB/km	3.5/1.5 dB/km	3.5/1.5 dB/km	3.0/1.5 dB/km
Serial Gigabit Distance (m)	5000/ - m	300/550 m	600/600 m	1000/600 m
Serial 10 Gigabit Distance (m)	10000/40000 m	33/m	82/m	300/m
Flame Rating	Available in OFNR (FT-4) or OFNP (FT-6)			
Insertion Loss	Singlemode <=0.3dB, Multimode <=0.4dB			
Back Reflection	Singlemode <=-55dB, Multimode <=-25dB			

ORDERING INFORMATION

X	X	19	X	X	—	XXXX	XXX	X	—	XX	XX
Mode	Fibers		Fire Rating	Jacket Color		Connectors	Length	UOM		Breakout	Optional
R = SM	2 = 2		R = Riser (FT-4)	Std. Riser B = Black		FC = FC FA = FC APC	3 Digit (ex. 001 = 1)	F = Feet M = Meters		08 = 900um 18"	PE = Pulling Grip
6.657A1	4 = 4					LC = LC				05 = 900um 25"	
K = MM62.5 OM1	6 = 6		P = Plenum (FT-6)	Std. Plenum 2 = Orange (K,C)		LA = LC APC				09 = 900um 39"	
C = MM50 OM2	B = 12 F = 24			9 = Yellow (R) A = Aqua (S)		MM = MTRJ (w/Pins)				F8 = 2mm 18" Furcation	
S = MM50 OM3						SC = SC SA = SC APC ST = ST NA = Pigtail				F5 = 2mm 25" Furcation F9 = 2mm 39" Furcation	