

## 2-24 Fiber Distribution

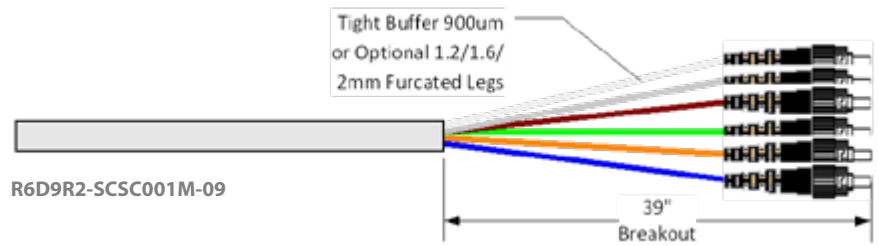
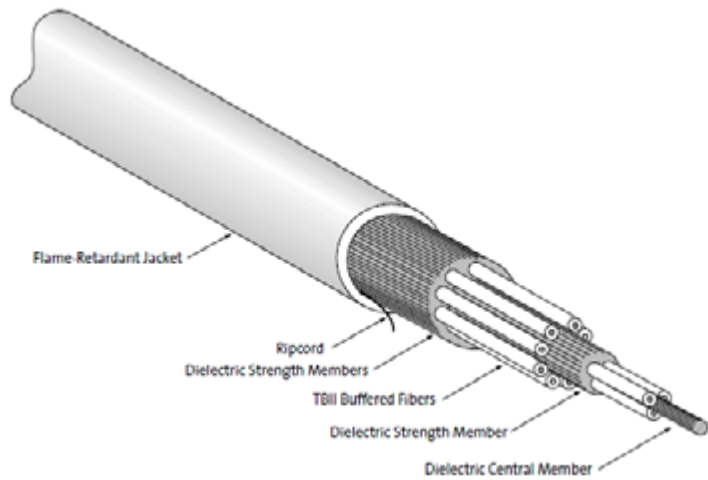
### Indoor Tight Buffer 900um Buffer 900um Distribution Cable

CPE/Premise Wiring

Data Center

Headend/CO

Utility/Municipality



Indoor tight buffer 900um distribution cable, designed for routing inside buildings, data centers, telecommunications rooms and work stations. 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

- ▶ Tight Buffer 900um fiber strands
- ▶ Available with 2mm furcated legs for direct equipment termination
- ▶ Available with pulling grip installed

#### INDUSTRY STANDARDS

- ▶ Meets GR-409 requirements



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# Indoor Tight Buffer 900um Distribution Cable

## SPECIFICATIONS

	2 Fiber	4 Fiber	6 Fiber	12 Fiber	24 Fiber
Diameter	0.20	0.22	0.22	0.24	0.32
Weight	16 lb. / 1,000ft	18 lb. / 1,000ft	20 lb. / 1,000ft	40 lb. / 1,000ft	70 lb. / 1,000ft
Min Bend Radius Loaded/Installed	3.0 / 2.1 in.	3.0 / 2.1 in.	3.0 / 2.1 in.	3.6 / 2.4 in.	4.6 / 3.1 in.
Max Loading Short Term/Installed	99 / 30 lb.	99 / 30 lb.	99 / 30 lb.	99 / 30 lb.	148 / 45 lb.
Operational Temperature Range	0 to + 70 C				
Fiber Code	R	K	C	S	
Fiber Type	SM 652.D	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	3.5/1.0 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	D 9 X	X	— XXXX	XXX	X	— XX	XX
Mode	Fibers	Fire Rating	Jacket Color	Connectors	Length	UOM	Breakout	Optional
R = SM 6.657A1	2 = 2 4 = 4	R = Riser (FT-4)	2 = Orange (K,C)	FC = FC FA = FC APC	3 Digit (ex. 001 = 1)	F = Feet M = Meters	08 = 900um 18" 05 = 900um 25" 09 = 900um 39"	PE = Pulling Grip
Z = SM G.657B3	6 = 6 B = 12	P = Plenum (FT-6)	9 = Yellow (R)	LC = LC LA = LC APC				
K = MM62.5 OM1	F = 24		A = Aqua (S)	MM = MTRJ (w/Pins)			F8 = 2mm 18" Furcation	
C = MM50 OM2				SC = SC				
S = MM50 OM3				SA = SC APC ST = ST NA = Pigtail				