

Ribbon Premise

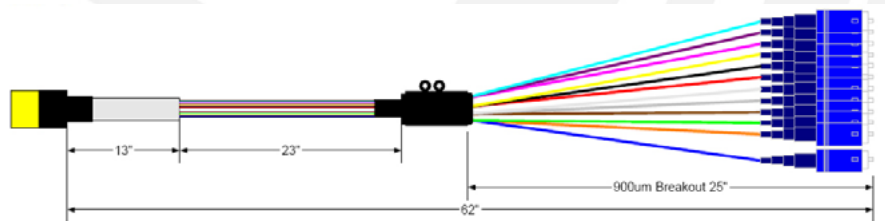
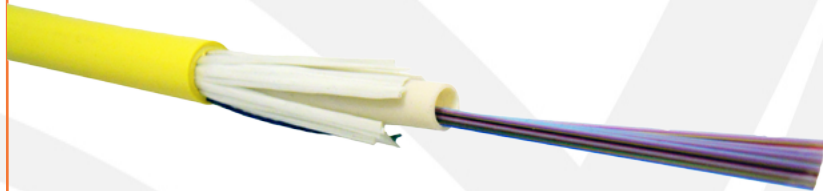
Fiber Optic Cable

Available in Several Fiber Modes
and a Variety of Connector Types

For Use in Intra-building
Backbone, Central Offices,
Data Centers, High Density
Distribution Points

Accommodates Up to 144 Fibers

Exceed TIA and Telcordia
Requirements



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The ribbon premise optical cable is intended for high density installations. The assembly is the ideal cable for factory terminating one end of the cable and mass fusion splicing the pigtail end in a vault or splice panel.

KEY PRODUCT BENEFITS

- ▶ 100% visual and optical tested
- ▶ Dry central tube
- ▶ Flexible design for indoor routing
- ▶ Breakout length designed for perfect patch panel fit
- ▶ Exceed Telcordia and TIA requirements
- ▶ Up to 144 fibers
- ▶ Made in USA

INDUSTRY STANDARDS

- ▶ Exceed TIA and Telcordia requirements

Ribbon Premise Fiber

SPECIFICATIONS

Property	24-72 Fiber		96-144 Fiber	
Diameter (in)	0.51		0.60	
Weight (lb/1,000ft)	89		113	
Min Bend Radius Loaded/Installed (in)	10.2 / 5.1		12 / 6.0	
Max Loading Short Term/Installed (lb)	600 / 200			
Operational Temperature Range	-18 to + 50 C			
Fiber Code	R	K	C	S
Fiber Type	Singlemode	MM62.5 OM1	MM50 OM2	MM50 OM3
Wavelength (nm)	1310/1550	850/1300	850/1300	850/1300
Maximum Attenuation (dB/km)	0.4/0.3	3.5/1.0	3.5/1.5	3.0/1.5
Serial Gigabit Distance (m)	5000/ -	300/550	600/600	1000/600
Serial 10 Gigabit Distance (m)	10000/40000	33/ -	82/ -	300/ -
Flame Rating	Available in OFNR (FT-4) or OFNP (FT-6)			
Insertion Loss	Singlemode <=0.3dB, Multimode <=0.4dB			
Back Reflection	<=-55dB UPC -65dB APC, <=-25dB PC (MM)			

ORDERING INFORMATION

X	X	RB	—	X	X	XXXX	XXX	X
	Fibers			Rating	Jacket Color	Connectors	Length	UOM
R = SM 8.3 SMF28e	F = 24			R = Riser	1 = Blue (N)	FC - FC	3 Digit, e.g. 001	F = Feet
N = SM Bend Insensitive	J = 48			P = Plenum	2 = Orange (K,C)	FA - FC APC		M = Meters
K = MM62.5 OM1	L = 72				3 = Green	LC - LC		
C = MM50 OM2	N = 96				4 = Brown	LA - LC APC		
S = MM50 OM3	P = 144				5 = Slate	SC - SC		
					6 = White	SA - SC APC		
					7 = Red	ST - ST		
					8 = Black	NA - Pigtail		
					9 = Yellow (R)			
					V = Violet			
					R = Rose			
					A = Aqua (S)			