

## Indoor Fiber Distribution

### 900um Fiber Optic Distribution Cables

Available in Single or Multi Fiber Modes

For Use Building Backbones, Horizontal Cabling, and Work Station Drops

Available in Both Riser and Plenum Rated Jackets



**Tii Technologies Inc.**

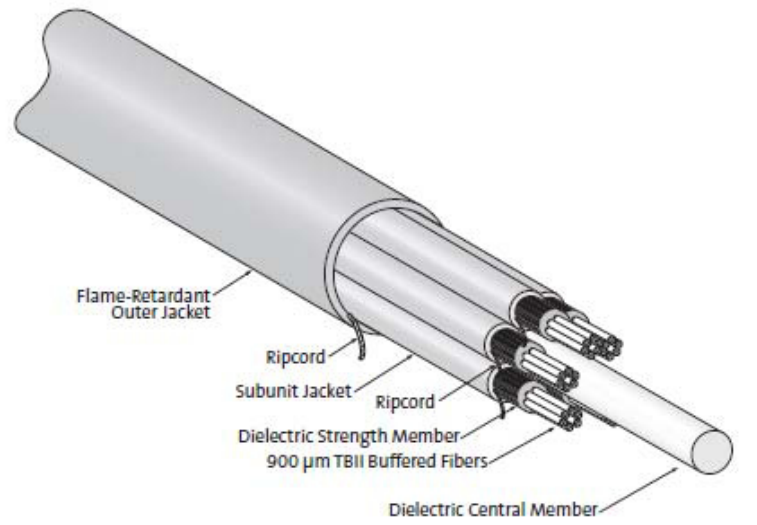
**Corporate Headquarters:**

141 Rodeo Drive  
Edgewood, NY 11717  
Phone: 631.789.5000 • Fax: 631.789.5063  
Toll Free: 888.844.4720  
sales@tiitech.com

**Locations:**

South March  
Long March Industrial Estate  
Daventry, Northamptonshire, NN11 4PH, UK  
Phone: +44 (0) 1327 301853  
Fax: +44 (0) 1327 879532  
sales@tiitech.co.uk

Av. José de Escandón y Helguera  
No. 21 Ciudad Industrial  
Matamoros, Tamaulipas, C.P. 87494, México  
Phone: 868.812.8011 • Fax: 868.812.8025  
salesmx@tiitech.com.mx



Tii's indoor tight buffer 900um distribution cables are 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

- ▶ 36-144 fiber distribution
- ▶ Tight buffer 900um fiber strands
- ▶ Available with pulling grip installed

# Indoor Fiber Cables

## SPECIFICATIONS

Property	36 Fiber	48 Fiber	72 Fiber	96 Fiber	144 Fiber
Diameter (in)	.058	0.69	0.74	0.91	0.94
Weight (lb/1,000ft)	151	215	229	335	342
Min Bend Radius Loaded/Installed (in)	8.7/5.8	10.4/6.9	11.0/7.4	13.6/9.1	14.1/9.4
Max Loading Short Term/Installed (lb)	148/45				
Operational Temperature Range	0 to +70 C				
Fiber Code	R	K	C	S	
Fiber Type Singlemode	Singlemode	MM62.5 OM1	MM50 OM2	MM50 OM3	
Wavelength (nm)	1310/1550	850/1300	850/1300	850-1300	
Maximum Attenuation (dB/km)	1.0/0.75	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	Singlemode <=-55dB UPC -65dB APC, Multimode <=-25dB				

## ORDERING INFORMATION

X	X	DU	-X	X	XXXX	XXX	X	XX
Mode	Fibers	Rating	Jacket Color	Connectors	Length	UOM	Optional	
R = Singlemode	H = 36	R = Riser	1 = Blue (N)	FC - FC	3 Digit, e.g. 001	F = Feet	PE = Pulling Grip	
K = MM62.5 OM1	J = 48	P = Plenum	2 = Orange (K,C)	FA - FC APC		M = Meters	F9 - 2mm Furcated Legs	
C = MM50 OM2	L = 72		3 = Green	LC - LC				
S = MM50 OM3	N = 96		4 = Brown	LA - LC APC				
	P = 144		7 = Red	SC - SC				
			8 = Black	SA - SC APC				
			9 = Yellow (R)	ST - ST				
			A = Aqua (S)	NA - Pigtail				