### **FIBER OPTICS**

# 2-12 Fiber Central Loose Tube

## Indoor/Outdoor Distribution Cable

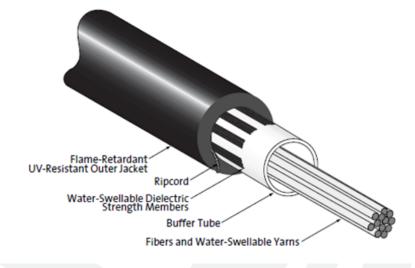
<b>CPE/Premise Wiring</b>	
DOT	
Headend/CO	
FTTx	
MDU	
Utility/Municipality	



#### 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

www.tiitech.com



Indoor/Outdoor central loose tube cable factory terminated to provides a versatile costeffective transition from outdoor to indoor environments.

### **KEY PRODUCT BENEFITS**

- Indoor/Outdoor dielectric Riser FT-4 construction
- Flame retardant, UV resistant
- Gel-Free with water blocking members
- > 900um fanout kits for standard terminations
- 2mm breakout kits for ruggedized direct equipment terminations

#### INDUSTRY STANDARDS

- GR-20 Indoor/Outdoor, GR-409, GR-326
- ICEA S-104-696
- NEC OFNR, CSA FT-4

Property	Values								
Diameter	0.24 in (6.0mm)								
Weight (lb/1,000ft)	20								
Min Bend Radius Loaded/Installed (cm)	10.0 / 7.0								
Max Loading Short Term/Installed (lb)	300 / 90								
Operational Temperature Range	-40 to + 70 C								
Fiber Code	R	К	С	S					
Fiber Type	SM G.675A1	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/ -					
Insertion Loss	Singlemode <=0.3dB, Multimode <=0.4dB								
Back Reflection	eflection Singlemode <=-55dB UPC <=-65dB APC, Multimode <=-25dB								

#### **ORDERING INFORMATION**

X	Х	T	5	R	8	-XX	XX	XXX	Х	-XX
Fiber Type	Strands					Connector End 1	Connector End 2	Length	иом	Breakout
R = SM G.657A1	2 = 2 Fiber					FC = FC UPC	FC = FC UPC	3 Digit	F = Feet	09 = 900um Legs 39"
K = MM62.5 OM1	4 = 4 Fiber					LC = LC UPC	LC = LC UPC	(Ex. 001 = 1)	M = Meters	F9 = 2mm Legs 39"
C = MM50 OM2	6 = 6 Fiber					SA = SC APC	NA = Pigtail			
S = MM50 OM3	8 = 8 fiber					SC = SC UPC	SA = SC APC			
	B = 12 Fiber					ST = ST UPC	SC = SC UPC			
							ST = ST UPC			

INFORMATION CONTAINED IN THIS PUBLICATION IS PROVIDED ONLY FOR YOUR CONVENIENCE AND IS SUBJECT TO CHANGE WITHOUT NOTICE. TII TECHNOLOGIES MAKES NO REPRESENTATIONS OR WARRANTIES OF ANY KIND WHETHER EXPRESS OR IMPLIED, WRITTEN OR ORAL, STATUTORY OR OTHERWISE, RELATED TO THE INFORMATION, INCLUDING BUT NOT LIMITED TO ITS CONDITION, QUALITY, PERFORMANCE, MERCHANTABILITY OR FITNESS FOR PURPOSE; AND TII TECHNOLOGIES DISCLAIMS ALL LIABILITY ARISING FROM THE USE OF THIS INFORMATION.