

# 24-144 Indoor/ Outdoor Loose Tube

## Fiber Distribution Cable

CPE/Premise Wiring

DOT

Headend/CO

FTTx

MDU

Utility/Municipality



**Tii Technologies Inc.**

**Corporate Headquarters:**

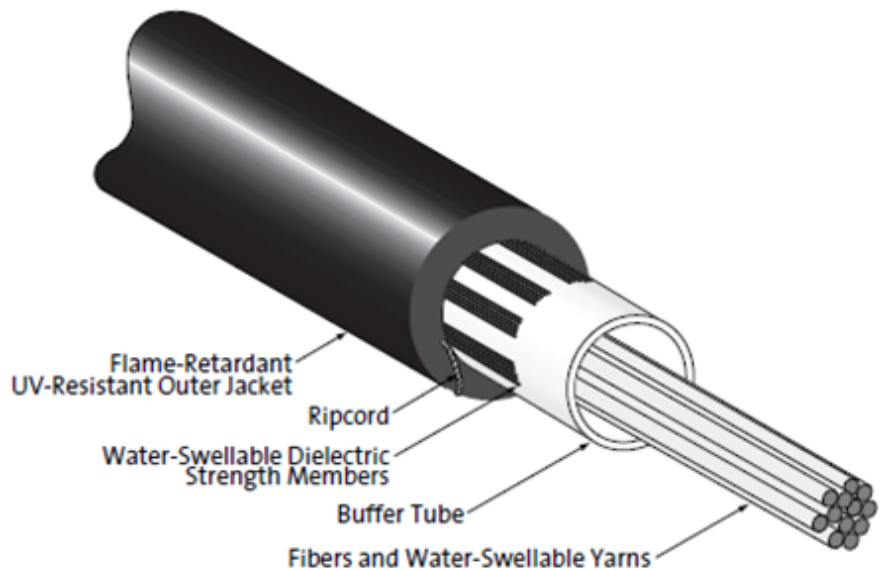
141 Rodeo Drive  
Edgewood, NY 11717

Phone: 631.789.5000

Fax: 631.789.5063

Toll Free: 888.844.4720

sales@tiitech.com



Indoor/Outdoor central loose tube cable factory terminated to provides a versatile cost-effective 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

# 24-144 Indoor/Outdoor Loose Tube Riser Cable

## SPECIFICATIONS

	<60	72 Fiber	96 Fiber	144 Fiber
Diameter	0.51 in.	0.52 in.	0.61 in.	0.76 in.
Weight (per 1,000 ft.)	91 lb.	100 lb.	133 lb.	173 lb.
Min Bend Radius Loaded/Installed	7.6 / 5.1 in.	7.9 / 5.2 in.	9.2 / 6.1 in.	11.5 / 7.6 in.
Max Loading Short Term/Installed	600 / 180 lbs.			
Operational Temperature Range	-40° to + 70° C			
Fiber Code	R	K	C	S
Fiber Type	Singlemode	MM62.5 OM1	MM50 OM2	MM50 OM3
Wavelength	1310/1550 nm	850/1300 nm	850/1300 nm	850/1300 nm
Maximum Attenuation	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	5000/ - m	300/550 m	600/600 m	1000/600 m
Serial 10 Gigabit Distance	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			

## MODEL NUMBER MATRIX

<b>X</b>	<b>X</b>	<b>I 5 R 8</b>	<b>XX</b>	<b>XX</b>	<b>XXX</b>	<b>X</b>	<b>— XX</b>	<b>XX</b>
<b>Mode</b>	<b>Fibers</b>		<b>End A</b>	<b>End B</b>	<b>Length</b>	<b>UOM</b>	<b>Breakout</b>	<b>Optional</b>
R = SM G.657A1	F = 24		FC = FC	FC = FC	3 Digit	F = Feet	09 = 900um	PE = Pulling Grip
K = MM62.5 OM1	H = 36		FA = FC APC	FA = FC APC	(ex. 001 = 1)	M = Meters	Breakout 39"	
C = MM50 OM2	J = 48		LC = LC	LC = LC				
S = MM50 OM3	L = 72		LA = LC APC	LA = LC APC				
	N = 96		SC = SC	SC = SC				
	P = 144		SA = SC APC	SA = SC APC				
			ST = ST	ST = ST				
				NA = Pigtail				