FIBER OPTICS

Simplex Indoor/Outdoor Bend Insensitive

MDU Drop Cable

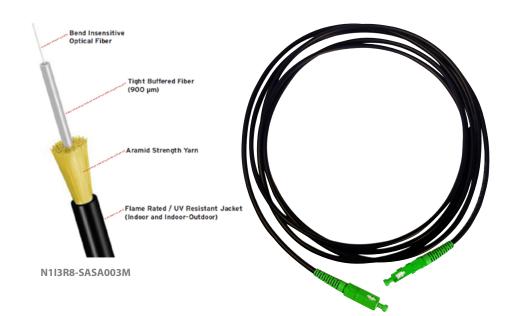
CPE/Premise Wiring
FTTx
MDU
PON
Utility/Municipality
Wireless



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



Rugged singlemode bend insensitive simplex assemblies for indoor/outdoor, FTTx pigtail splicing and MDU service entries. These cable assemblies offer a flexible indoor/outdoor jacket with the capability to handle 5mm tight bends around corners and other common installation obstacles.

KEY PRODUCT BENEFITS

- For indoor/outdoor single fiber applications, FTTx demarcation enclosure fusion splicing and MDU installations
- Can be stapled to installation surfaces
- Capable of 90 degree tight bends
- Tolerates small diameter slack loops

INDUSTRY STANDARDS

Meets GR-409 requirements

SPECIFICATIONS

Fiber Standards	G657B3, G652D			
Flame Rating	OFNR UL-1666 Indoor Riser			
Bend Tolerance	<0.5 dB 5mm mandrel wrap at 1550nm			
Jacket Diameter	2.9mm	4.8mm		
Maximum Tensile Load Short Term (lbs)	50	100		
Maximum Tensile Load Long Term (lbs)	15	30		
Temperature Range Storage	-40 to 85 C	-40 to 85 C		
Temperature Range Installation	-10 to 50 C	-20 to 50 C		
Temperature Range Operation	-40 to 70 C	-40 to 70 C		
Wavelengths (nm)	1310	1550		
Maximum Attenuation (dB/km)	0.4	0.3		
Gigabit Ethernet Distance (m)	5000	-		
10-Gigabit Ethernet Distance (m)	10000	40000		
Insertion Loss (dB)	<=0.3			
Backreflection (dB)	-55 UPC / -65 APC			

ORDERING INFORMATION

N1I	X	R8	—	XX	ХХ	ххх	х
	Diameter			Connector A	Connector B	Length	UOM
	3 = 2.9mm			LC = LC UPC	LC = LC UPC	3 Digit, e.g. 001 = 1	F = Feet
	4 = 4.8mm			SA = SC APC	SA = SC APC		M = Meters
				SC = SC UPC	SC = SC UPC		
				ST = ST UPC	ST = ST UPC		
					NA = Pigtail		

(4.8mm diameter cable SC-APC or pigtails only)

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