

# Simplex Indoor/Outdoor Bend Insensitive

## MDU Drop Fiber Optic Cable

Indoor/Outdoor Single Fiber Drop  
FTTH Demarcation  
Transition to ONT  
MDU Service Drops



**Tii Technologies Inc.**

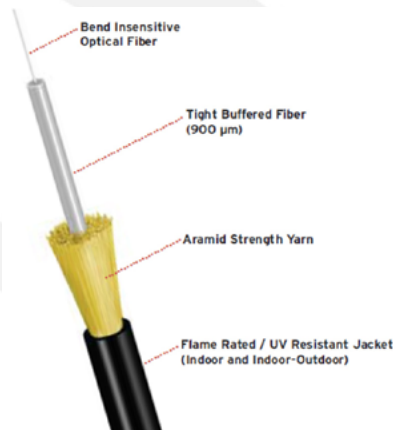
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Rugged singlemode bend insensitive simplex assemblies for indoor/outdoor, FTTx pigtail splicing and MDU service entries. These cable assemblies offer a flexible indoor/outdoor jacket with the capability to handle 5mm tight bends around corners and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

# MDU Drop Cable

## SPECIFICATIONS

Property	Values	
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

N11	X	R8	—	XX	XX	XXX	X
	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)*