

# Simplex Jumpers

## Single Strand Fiber Optic Cables

Enterprise LAN

Data Centers

Telecommunication  
Networks

Test and Measurement



Indoor single fiber interconnect jumper. Tight buffer fiber and aramid yarn enclosed in a flame retardant PVC jacket terminated with premium connectors. Available in a variety of singlemode and multimode grades of optical fiber.

### KEY PRODUCT BENEFITS

- ▶ Individually packaged with optical test report
- ▶ Singlemode or Multimode
- ▶ 1.6mm, 2.0mm, and 3mm jacket options
- ▶ D4, FC, LC, MU, SC, SMA, ST
- ▶ Available indoor Riser or Plenum flame rating
- ▶ Custom jacket colors

### INDUSTRY STANDARDS

- ▶ GR-326, GR-409
- ▶ ITU G.657
- ▶ TIA-568, TIA-455, TIA-604
- ▶ IEC 60874-1, IEC 61300-3-35



**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

# SIMPLEX JUMPERS

## SPECIFICATIONS

Part Number Fiber Code	R	N	Z	K	C	S	T
<b>Fiber Standard</b>	G.657A1	G.657A2	G.657B3	OM-1	OM-2	OM-3	OM-4
<b>Fiber Core Size</b>	9 um	9 um	9 um	62.5 um	50 um	50 um	50 um
<b>Wavelengths</b>	1260-1650 nm	1260-1650 nm	1260-1650 nm	850, 1300 nm	850, 1300 nm	850 nm	850 nm
<b>Fiber Minimum Bend Radius</b>	10 mm	7.5 mm	5 mm	10 mm	7.5 mm	7.5 mm	7.5 mm
<b>Insertion Loss UPC/APC</b>		0.25 / 0.3 dB			0.35 dB		
<b>Backreflection UPC/APC</b>		55 / 65 dB			25 dB		
<b>Temperature Range</b>	-20° C to 70° C						
<b>Maximum Tensile Strength</b>	50 lbs.						

## ORDERING INFORMATION

-X	1S	-X	-X	-X	-XXXX	-XXX	-X
	Diameter	Rating	Jacket Color	Connectors	Length	UOM	
R = SM G.657.A1	1 = 1.6mm	R = Riser	1 = Blue (N)	D4 - D4	3 Digit, e.g. 001	N = Inches	
N = SM G.657.A2	2 = 2.0mm	P = Plenum	2 = Orange (K,C)	FC - FC		F = Feet	
K = MM62.5 OM1	3 = 3.0mm		3 = Green	FA - FC / APC		C = Centimeters	
C = MM50 OM2			4 = Brown	LC - LC		M = Meters	
S = MM50 OM3			5 = Slate	LA - LC / APC			
T = MM50 OM4			6 = White	MU - MU			
Z = SM G.657.B3			7 = Red	S6 - SMA906			
			8 = Black	SC - SC			
			9 = Yellow (R)	SA - SC / APC			
			V = Violet	ST - ST			
			R = Rose	NA - Pigtail			
			A = Aqua (S)				