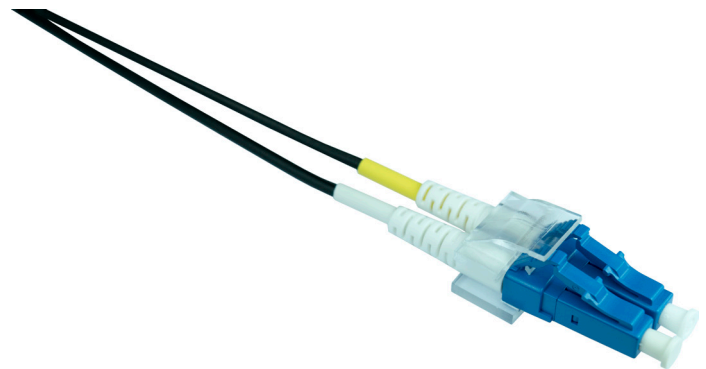
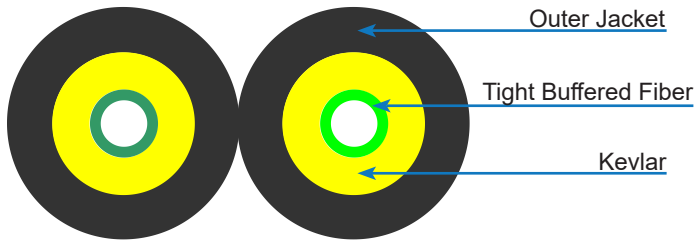


Outdoor Ruggedized Jumpers



ARIA Outdoor Ruggedized Jumpers remain flexible even in extreme conditions unlike indoor cordage that stiffens and retains its shape in cold weather.

Outdoor Ruggedized Jumpers offer an economical solution for deploying fiber in any OSP optical network

These assemblies use bend-insensitive fiber to help eliminate bend-radius issues inside a NID. These patch cords also work well in outside plant cross-connect cabinets and when splicing FTTH drops in a NID or ONT.

Features

- Manufactured and tested according to Telcordia GR326-CORE Issue 4 specifications
- Low insertion loss: 0.4dB max and <0.2dB typical, exceeding industry standards
- Singlemode bend-insensitive ITU standard G.657.A1 fiber
- Ruggedized OSP rated 2 mm black jacketed cable
- Patch cords remain flexible and durable in extreme temperatures
- Compact jacket design minimizes cable congestion
- Environmentally stable, low-insertion loss, and minimal back reflection

Cable Specifications

Parameter	Value
Tight Buffered Fiber Dimensions	850±50µm
Tight Buffered Fiber Material	PVC
Tight Buffered Fiber Color	White and Yellow
Jacket Dimensions	2 x 1.9±0.1mm
Jacket Material	TPU
Jacket Color	Black

Outdoor Ruggedized Jumpers Fiber Specifications

Parameter	Value
Fiber Type	Singlemode (G.657.A1)
Fiber Count	2
Mode Field Diameter @1310nm (µm)	9.0±0.4
Mode Field Diameter @1550nm (µm)	10.1±0.5
Cladding Diameter (µm)	124.8±0.7
Cladding Non-Circularity (%)	≤0.7
Core-Cladding Concentricity Error (µm)	≤0.5
Coating Diameter (µm)	245±5
Coating Non-Circularity (%)	≤6.0
Cladding-Coating Concentricity Error (µm)	≤12.0
Cable Cutoff Wavelength (nm)	$\lambda_{cc} \leq 1260$
Maximum Attenuation @1310nm (dB/km)	≤0.35
Maximum Attenuation @1550nm (dB/km)	≤0.21
Macro-Bending Loss - 1turn×10mm radius @1550nm (dB)	≤0.75
Macro-Bending Loss - 1turn×10mm radius @1625nm (dB)	≤1.5

Mechanical and Environmental Specifications

Parameter	Value
Short/Long Term Tension Resistance (N)	150/80
Short/Long Term Crush Resistance (N/10cm)	500/100
Static/Dynamic Minimum Bend Radius (mm)	10D/20D
Storage & Operating Temperature (°C)	-20~+85

Part Number

ORJ- 1 1 1 - 2 2 2 - 3 3 3 3

1 Connector Type End 1
 SCU = SC/UPC
 SCA = SC/APC
 LCU = LC/UPC
 LCA = LC/APC

2 Connector Type End 2
 SCU = SC/UPC
 SCA = SC/APC
 LCU = LC/UPC
 LCA = LC/APC

3 Length
 XXXF = Length in Feet
 XXXM = Length in Meters