

Outdoor Ruggedized Jumpers

Fiber Optic Cable Assemblies



ARIA Outdoor Ruggedized Jumpers are UV resistant and/or flame/smoke rated patch cords that are available with larger more rugged cable constructions. Eliminating UV and durability concerns in an OSP environment.

The 2.0mm cable jacket sizes provide UV protection and the larger cable jacket sizes also provide excellent crush resistance, and tensile strength.

These patch cords also work well in outside plant cross-connect cabinets, FTTA, 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: 0.2dB max and <0.15dB typical, exceeding industry standards
- Compact 2.0mm or 3.0mm jackets minimize cable congestion and larger ruggedized cable options are available
- Robust transition design provides a durable and waterproof change from the cable jacket to duplex connectors
- Patch cords remain flexible and durable in extreme temperatures
- UV resistant jacket prevents oxidation
- Environmentally stable, low-insertion loss, and minimal back reflection

Specifications

Parameter	Value
Cable O.D. (mm)	2.0, 3.0, 4.5, 5.3, or 7.0
Fiber	Singlemode 9/125 μ m
Fiber Count	2
Jacket Color	Black
Jacket Material	PVC or TPU
Long Term / Short Term Max Tensile Strength (N)	2.0/3.0mm: 80/150, 4.5/5.3mm: 160/320, 7.0mm: 200/400
Long / Short Term Crush Resistance (N/100mm)	Non-Armored: 100/500, Armored: 1,100/2,200
Dynamic / Static Bending Radius (mm)	20 x Cable O.D. / 10 x Cable O.D.
Operating Temperature (°C)	-10~+70

Rugged Transitions for Standard Duplex Connectors



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2.0mm with Pull Tab LC



3.0mm with Pull Tab LC



4.5mm with Pull Tab LC



3.0mm with Uniboot LC



Part Number

ORJ- 1 1 2 2 3 4 4 4 5 6 6 7 8 9

1 Cable Size

2Z = 2.0mm Zipcord
2R = 2.0mm Round
30 = 3.0mm Round
45 = 4.5mm Round
53 = 5.3mm Round
70 = 7.0mm Round

2 Armor

Leave Blank for Non-Armored Cable
A = Armored

3 Jacket Rating

N = Non-Rated
R = Riser (OFNR)
P = Plenum (OFNP)
L = Low Smoke Zero Halogen (LSZH)

4 Connector Type End 1

SC = SC
SB = SC Uniboot*
LC = LC
FC = FC
ST = ST
E2 = E2000
00 = No Connector

*Not available with zipcord

4 Polish Type End 1

U = UPC
A = APC*
0 = No Connector

*Unavailable for ST

5 LC Type End 1

Leave Blank for Standard LC Connector or Non-LC Connector

A = 50° Boot
F = Flat Pull Tab
U = Uniboot*
P = Uniboot Polarity Switchable*
2 = Uniboot 20mm Pull Tab*
4 = Uniboot 40mm Pull Tab*
R = Uniboot Polarity Switchable with Pull Tab*

*Not available with zipcord

6 Duplex Clips End 1

Use NC for Uniboot SC, FC, ST, or E2000 Connectors.

NC = No Duplex Clips
DC = Duplex Clips

7 Breakout Length End 1

Leave Blank for 2.0mm or 3.0mm cable sizes

XXX = Length in Inches
(Typically: 18", 24", or 36")

8 Connector & Breakout Options End 2

See Options in Connector Type & Breakout End 1

9 Length

XXXF = Length in Feet
XXXM = Length in Meters