

RIGHT ANGLE NODE CABLES

Overview

Amphenol Service Cables with Node90 adapter is designed for use where space is limited including MDU backboards, OSP cabinets and underground vaults. The 90-degree adapter attaches easily and can be adjusted to rotate when opening the housing.



Features

- Designed and tested to Telcordia GR-326 and GR-3120 Requirements
- Reverse thread design allows for easy attachment to node housing
- Environmentally and mechanically stable for outdoor applications
- Terminated with premium connectors
- Each cable is serialized and ships with test data

Configuration Options

CABLE ASSEMBLY DESIGN:

Max Fiber Count: Up to 24 fibers using 900um furcation tubing
 Furcation Tube Options: 900um, 1.2mm, 2.0mm, 3.0mm
 Connector Options: LC UPC, LC APC, SC UPC, SC APC, MTP/ MPO
 Cable Jacket: Armored or Dielectric Black
 Jacket Rating: PE OSP & PVC Indoor/Outdoor, Riser or Plenum

OPTICAL FIBER SPECIFICATION:

Fiber Type: Single-mode (OS2)
 Fiber Category: G.652.d/G.657.A1
 Wavelengths: 1310 nm / 1383 nm / 1550 nm
 Maximum Attenuation: 0.4 dB/km / 0.4 dB/km / 0.3 dB/km

NODE CONNECTOR AND ADAPTER SPECIFICATIONS:

Material: Stainless Steel & Anodized Aluminum
 Finish: Brushed finish
 Thread: SCTE 5/8"-24 UNEF Threaded port
 Environment: IP-68 water and duct protection
 Retention: 445N (100 lbs.)

TEMPERATURE RANGE:

Storage: -40° C to 75° C
 Installation: -20° C to 70° C
 Operation: -20° C to 70° C

CONNECTOR SPECIFICATIONS

Parameter	LC UPC / SC UPC	LC APC / SC APC	MTP/MPO APC
Maximum Attenuation:	< 0.20dB Typical	< 0.25dB Typical	< 0.35dB Typical
Min Return Loss:	< -55dB	< -65dB	< -60dB

Ordering Information

Fiber Count	Cable Design	Configuration	Part Number	Overall Length
6F	Armored OSP	Install Ready Feed Thru with 39" 2mm Breakout with SC/APC connectors	AMP-R3055-016-MT-995	16m
			AMP-R3055-030-MT-995	30m
			AMP-R3055-150-MT-995	150m
6F	Armored OSP	Install Ready Feed Thru with 39" 2mm Breakout with LC/UPC connectors	AMP-R3731-016-MT-995	16m
			AMP-R3731-030-MT-995	30m
			AMP-R3731-150-MT-995	150m
6F	UnArmored OSP	Install Ready Feed Thru with 39" 2mm Breakout with SC/APC connectors	AMP-1231A-016-MT-962	16m
			AMP-1231A-030-MT-962	30m
8F	UnArmored OSP	Install Ready Feed Thru with 39" 900um Breakout with SC/APC connectors	AMP-R3798-016-MT-995	16m
			AMP-R3798-030-MT-995	30m

OTHER CONFIGURATIONS AVAILABLE UPON REQUEST



CONNECT

telecommunications solutions inc.

650 Rupert Street, Waterloo, ON N2V 2R8
 1-877-900-7996 | 519.748.4411
 Fax: 519.748.0466
 customerservice@connect-telcom.com

www.connect-telcom.com