

Node Cable Assemblies

AFL's Node Cable Assemblies are factory tested to meet stringent installation performance requirements. These assemblies make splicing from an optical node to a closure fast, easy and reliable. This connection is critical to the installation and requires an environmental seal between the cable and the node housing. AFL's assembly comes with a node fitting pre-installed on the cable, featuring an anti-twist design enabling easy mounting without twisting the cable. The mounting thread is an industry standard size of 5/8-24 UNEF.

Node Assemblies from AFL feature loose tube outdoor cable with a water-blocked cable design. An assortment of industry standard connector styles are available such as SC/APC, SC/UPC, FC/APC, FC/UPC and LC/UPC. Standard or custom breakout lengths are available in fiber counts of 1-12 terminations and with all fibers color coded for quick/easy fiber identification.

Features

- Field proven, durable, connecting hardware
- High-quality optical terminations meet all geometric and optical performance requirements
- Ordering flexibility; available in standard and custom lengths and connector counts
- Mini-central core type cable ≤12 fibers; stranded cable >12 fibers
- Installed hard-line entry connector with anti-twist design
- Individualized serial numbers for easy identification
- SC/UPC, FC/UPC, SC/APC, FC/APC, LC/UPC
- Rugged polyurethane riser-rated indoor/outdoor loose tube single-mode Uniflex cable or armored polyethylene jacket
- 900 μm or 2.0 mm upjacketed color-coded furcation

Specifications

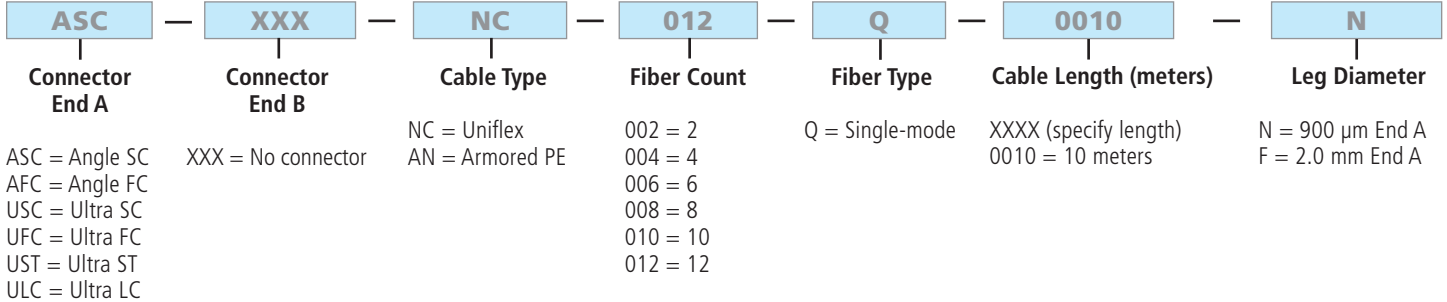
PARAMETER	VALUE
Crush Resistance lbs (kg)	1000 (453.5 kg)
Impact Resistance	25 lbs @ 2.2 lbs per foot (11.25 kg @ 0.99 kg)
Flexing	25 lbs @ 5 in. (11.25 kg @ 12.7 kg)
Fiber Core Diameter (microns)	8.3
Maximum Insertion Loss (dB)	0.25 (UPC), 0.35 (APC)
UPC Return Loss (dB)	-55
APC Return Loss (dB)	-65
Outer Jacket Material	Riser-rated PU / PE
Finish	Aluminum, Anodized
Cable Pullout Tensile Strength lbs (kg)	247 (112.04)
Entry Threads in.	0.625 x 24
Operating and Storage Temperatures °F (°C)	-40 to 158 (-40 to +70)
Dimensions in. (cm)	4.25 long x 0.875 diameter (10.8 x 2.22)

GROMMET SPECIFICATIONS – STANDARD D	
Inner Diameter	0.375"
Active Pull Test	35 lbs
Overall length	45 mm
Hex Nut Size	7/8"
Length from Hex Nut to end of front body	6 mm
Material	Aluminum, Anodized

continued
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Ordering Information



COLOR FURCATION – FIBER NUMBER REFERENCE					
1	Blue	5	Slate	9	Yellow
2	Orange	6	White	10	Violet
3	Green	7	Red	11	Rose
4	Brown	8	Black	12	Aqua