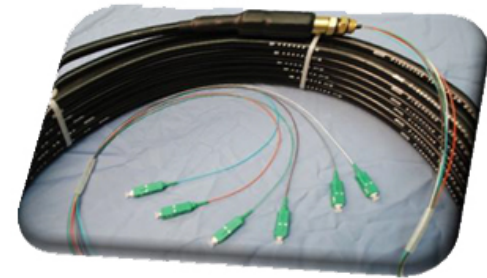


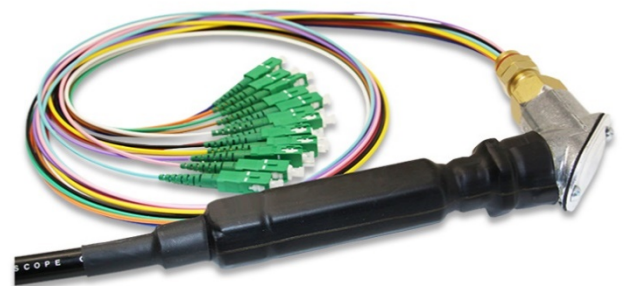
Introduction:

Fiberdyne Labs Node Entrance cable assemblies set the standard for CATV/MSO outdoor fiber optic service. Customer bandwidth demands are driving high fiber count densities in outdoor enclosures and nodes. The Fiberdyne Labs solution provides high quality, singlemode fiber in a weatherproof, anodized, solid aluminum housing with a 5/8" rotational nut for very easy installation; Right Angle Rotational Nut Housing available; cabling does not need to be rotated during the install process. FC/APC, SC/APC, LC/APC or MPO connectors are available featuring low insertion loss and back reflection. Fiberdyne utilizes the latest polishing and test equipment with guaranteed certified results.



Features/Benefits

- Standard 5/8" mounting nut with O-rings
- Rotational Nut for very simple installation
- Right Angle Rotational Nut available
- Armored or Non-Armored cable for your system
- Weatherproof design – Potted breakout point
- Standard lengths: 50, 75, 100, 125, 150 feet
- Custom lengths available to meet your exact needs
- 900µm or 2mm, Color Coded jacketed breakout options
- Standard 6/12/24 fibers or custom 1-24 fiber connectorization options
- Applications: CATV/MSO Node Entrance Cable (a.k.a. Service cables, Node cables, Node Tails, Stub Cable), Local Fiber Loops (FTTx), Fiber-to-the-home (FTTH), Cellular Backbone



Insertion Loss Per Connector	<0.3dB; 0.25dB Typical
Return Loss	UPC: >50dB, 55dB Typical
	APC: >60dB, 65dB Typical
Radius of Curvature	UPC: 7mm to 25mm
	APC: 5mm to 12mm
Apex Offset	<50um
Fiber Height	<100nm
Repeatability	500 Cycles
Operating Temperature	-40° C to +75° C
Humidity Range	5% to 95% Non-Condensing

**Fiber Optic Entrance Cable
Ordering Information**

F	E	X	-	X	X	X	X	-	X	X	X
		3	-	4	5	6	7	-	8	9	10
FE = Fiber Optic Node/Entrance Cable											

Specifications:

[Technical Data Sheet](#)

[Part Number Build Matrix](#)

[Right Angle Rotational Nut Drawing](#)

12 Fiber Entrance Cable Available:
Call your Fiberdyne Labs, Inc.
Sales Representative for more information.
 XXX=Length

Part Number Armored-900um	Description (Most Entrance Cables Are 900um Buffered)
FE0-0012-XXX	6 Fiber with 2 connectorized SC/APC
FE0-0013-XXX	6 Fiber with 4 connectorized SC/APC
FE0-0014-XXX	6 Fiber with 6 connectorized SC/APC
FE0-0032-XXX	6 Fiber with 2 connectorized SC/UPC
FE0-0033-XXX	6 Fiber with 4 connectorized SC/UPC
FE0-0034-XXX	6 Fiber with 6 connectorized SC/UPC
FE0-0062-XXX	6 Fiber with 2 connectorized LC/APC
FE0-0063-XXX	6 Fiber with 4 connectorized LC/APC
FE0-0064-XXX	6 Fiber with 6 connectorized LC/APC
FE0-0052-XXX	6 Fiber with 2 connectorized LC/UPC
FE0-0053-XXX	6 Fiber with 4 connectorized LC/UPC
FE0-0054-XXX	6 Fiber with 6 connectorized LC/UPC
FE0-0002-XXX	6 Fiber with 2 connectorized FC/APC
FE0-0003-XXX	6 Fiber with 4 connectorized FC/APC
FE0-0004-XXX	6 Fiber with 6 connectorized FC/APC
FE0-0022-XXX	6 Fiber with 2 connectorized FC/UPC
FE0-0023-XXX	6 Fiber with 4 connectorized FC/UPC
FE0-0024-XXX	6 Fiber with 6 connectorized FC/UPC
FE0-0042-XXX	6 Fiber with 2 connectorized ST/UPC
FE0-0043-XXX	6 Fiber with 4 connectorized ST/UPC
FE0-0044-XXX	6 Fiber with 6 connectorized ST/UPC

12 Fiber Entrance Cable Available:
Call your Fiberdyne Labs, Inc.
Sales Representative for more information.
 XXX=Length

Part Number Unarmored-900um	Description (Most Entrance Cables Are 900um Buffered)
FE1-0012-XXX	6 Fiber with 2 connectorized SC/APC
FE1-0013-XXX	6 Fiber with 4 connectorized SC/APC
FE1-0014-XXX	6 Fiber with 6 connectorized SC/APC
FE1-0032-XXX	6 Fiber with 2 connectorized SC/UPC
FE1-0033-XXX	6 Fiber with 4 connectorized SC/UPC
FE1-0034-XXX	6 Fiber with 6 connectorized SC/UPC
FE1-0062-XXX	6 Fiber with 2 connectorized LC/APC
FE1-0063-XXX	6 Fiber with 4 connectorized LC/APC
FE1-0064-XXX	6 Fiber with 6 connectorized LC/APC
FE1-0052-XXX	6 Fiber with 2 connectorized LC/UPC
FE1-0053-XXX	6 Fiber with 4 connectorized LC/UPC
FE1-0054-XXX	6 Fiber with 6 connectorized LC/UPC
FE1-0002-XXX	6 Fiber with 2 connectorized FC/APC
FE1-0003-XXX	6 Fiber with 4 connectorized FC/APC
FE1-0004-XXX	6 Fiber with 6 connectorized FC/APC
FE1-0022-XXX	6 Fiber with 2 connectorized FC/UPC
FE1-0023-XXX	6 Fiber with 4 connectorized FC/UPC
FE1-0024-XXX	6 Fiber with 6 connectorized FC/UPC
FE1-0042-XXX	6 Fiber with 2 connectorized ST/UPC
FE1-0043-XXX	6 Fiber with 4 connectorized ST/UPC
FE1-0044-XXX	6 Fiber with 6 connectorized ST/UPC