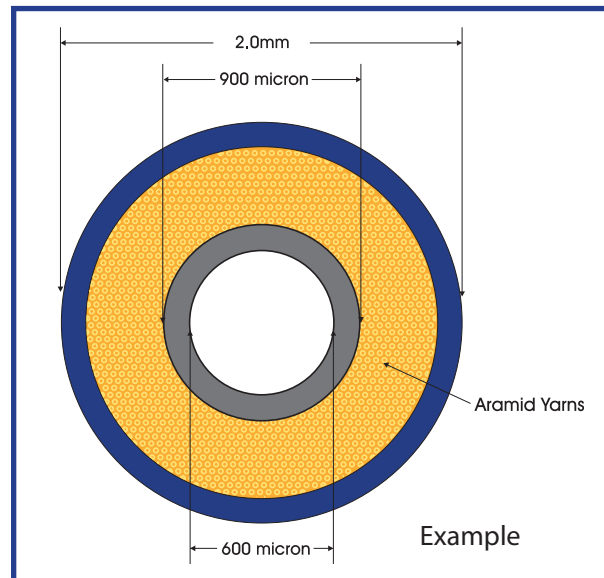


Reinforced Furcation Tube



Features and Benefits

- Tight dimensional control for easy fiber insertion
- Available in Zipcord construction
- Aramid reinforced for added mechanical protection
- Variety of sizing options to meet customer requirements
- UL94 V-0 material options
- 18 color options
- Low shrinkage for improved environmental performance
- Jacket material options include Hytrel®, LSZH, PVC
- Bare fiber or tight buffered protection options
- Wide operation temperature range material options (-40 deg. C to 85 deg. C)
- Tube can be customized to customer standards (minimum order quantities may apply)
- Jacket color matched to all HCA fiber optic cables
- Standard inner tube color is white

Applications

- Breaking-out/Fanning-out cables to connectors
- Patching active devices
- Specialty fiber protection
- Coupler and splitter applications

Reinforced Furcation Tube Part Number Builder

Family	OD	Tube Ratio	Jacket Matl	Tube Matl	Color	Packaging	Special
68001	AA	B	CC	DD	EE	GG	FF

2.0mm	20
3.0mm	30

PVC	01
LSZH	03

Reel	00
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None	XX
Zipcord	ZP

600/900	C
1100/1400	D

Hytrel®	07
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Blue	BL	Rose	RS
Orange	OR	Aqua	AQ
Green	GN	Erika Violet	EV
Brown	BR	Natural	NT
Slate	SL	Tan	TN
White	WH	Magenta	MG
Red	RD	Lime Green	LM
Black	BK	Olive	OL
Yellow	YE		
Violet	VI		

*Standard colors: Orange, Aqua, Yellow & Erika Violet.

Environmental Characteristics

PVC Material

Storage Temperature: -40° to 70° C (-40° to 158° F)
 Operating Temperature: -20° to 70° C (-4° to 158° F)
 Installation Temperature: 0° to 70° C (32° to 158° F)

LSZH Material

Storage Temperature: -40° to 70° C (-40° to 158° F)
 Operating Temperature: -20° to 60° C (-4° to 140° F)
 Installation Temperature: 0° to 60° C (32° to 140° F)

NanoCore™

Furcation tubes from Hitachi Cable America are designed to work flawlessly with Hitachi's NanoCore™ Micro Distribution cables. NanoCore™ cables offer 250 micron fiber optic strands in a loose tube cable design. NanoCore™ cables allow for a higher fiber strand count in a very small overall diameter cable. Each fiber strand is color coded for easy identification. The cable is flexible and easy to handle and uses lightweight, flexible aramid yarns to enhance strength. Subunits with 12 strands are only 2mm in diameter. NanoCore™ Interconnect Micro Distribution cable is ideal for MPO (MTP®) style connectors where higher data rates are desired. Supported applications include gigabit, 10, 40, 100 and 400 gigabit Ethernet. NanoCore™ cables are made in USA.

- World's Smallest 144-strand cable with 9.9 mm OD.
- Utilizes bend-insensitive glass for both MM and SM
- REACH and RoHS 2 compliant
- Up to 144 strands available



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