

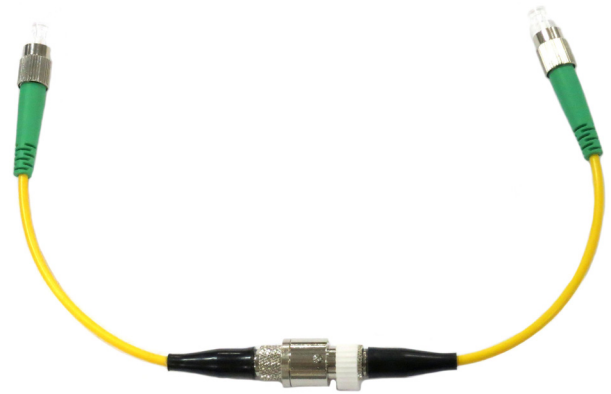
Variable Attenuator Cable Assemblies (VACs)

Components

Overview

ARIA's VAC is available in a pre-terminated fiber assembly in end-of-line or in-line configurations.

ARIA's extensive fiber assembly capabilities include:
The ability to terminate any fiber connector type available to your tightest specifications.
Proprietary polishing processes yield more accurate and consistent results.
Full Telcordia testing and interferometric test capabilities for ferrule profile/geometry available.
PC, UPC, APC, Flat, and Bellcore Polish.



Features

- 0 to >30dB typical attenuation range
- Fine tuning resolution
- Low back reflection, <-60dB, (APC version)
- Pull proof
- Low polarization sensitivity
- Wavelength insensitive
- Locking mechanism
- Shock and vibration resistant

Specifications

- Insertion Loss: 0.25dB typical
- Range: 0 to >30dB
- Return Loss: <-60dB over entire range (APC)
- PDL: <0.1dB typical
- Resolution: .1dB or better
- Tensile Loading: >20lb
- Durability: >500 cycles
- Thermal Stability: <0.003dB/°C

Part Number



<p>1 Series</p> <p>S = Simplex D = Duplex</p>	<p>4 Cable Rating</p> <p>R = Riser P = Plenum H = Halogen Free Y = Hytre</p>	<p>6 Connector 1 and 2</p> <p>F = FC N = FC-R High Reliability Y = FC-RS Hi-Rel Short L = LC U = MU S = SC D = SMA A = SMC Z = ST T = ST-Ruggedized V = VAC-ST W = VAC-FC X = Open (Pigtail)</p>	<p>7 Polish</p> <p>1 = Flat 2 = PC 3 = UPC 4 = APC 5 = Bellcore PC 0 = None (Pigtail)</p>
<p>2 VAC Configuration</p> <p>1 = In-Line 2 = End-Of-Line</p>	<p>5 Fiber Type</p> <p>1 = 9/125 2 = 50/125 3 = 62.5/125</p>	<p>8 Length</p> <p>XXX = length</p>	<p>9 Units</p> <p>M = Meters D = Decimeters F = Feet I = Inches</p>
<p>3 Cable OD</p> <p>1 = 1.6mm 2 = 2mm 3 = 3mm 4 = 250 micron 9 = 900 micron</p>			