

ARIA VAC Fiber Assemblies

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:

- 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)
- Very low polarization sensitivity
- Wavelength insensitive
- Locking mechanism
- Pull proof
- Shock and vibration resistant
- US Patent Number: 5,734,778

Specifications

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

In-Line VAC Part Numbering System

V	1	3	R	3	S2	S2	001	M	00
Series	Config.	OD	Rating	Fiber	Connector/Polish 1&2		Length	Units	Code

Series		Fiber Type		Polish		
Simplex/Duplex Assemblies	P	9/125	1	Flat	1	
VAC Configuration	In-Line End-Of-Line	50/125	2	PC	2	
		62.5/125	3	UPC	3	
				APC	4	
Cable OD	1.6mm 2mm 3mm 250 micron 900 micron	Connector 1 and 2		Bellcore PC	5	
		FC	F	None (Pigtail)	0	
		FC-R High Reliability	N	Length		001
		FC-RS Hi-Rel Short	Y	Units		
		LC	L	Meters	M	
		MU	U	Decimeters	D	
Cable Rating	Riser Plenum Halogen Free Hytrel	SMA	D	Feet	F	
		SMC	A	Inches	Y	
		ST	Z	Custom Code		00
		ST-Ruggedized	T			
		VAC-ST	V			
		VAC-FC	W			
		Open (Pigtail)	X			