

## *Singlemode Fiber Assemblies*

Single mode fiber assemblies are used in a variety of carrier networks and private network environments. The key to manufacturing high- performance single mode fiber assemblies is controlling polish radius, apex offset and fiber undercut. APS Cables & Networks monitors its automated polishing process to exceed industry specifications for insertion and return loss, ensuring a top-quality product.



1. Ultra Physical Contact (UPC) and/or Angled Physical Contact (APC) options available on SC and FC connectors
2. A variety of connector styles available, including ST, SC, FC, and LC
3. Insertion and return loss measurements provided with each assembly
4. Riser and plenum jacket options available
5. Available in simplex, dual-round and dual-zip configurations
6. Custom assemblies available on virtually any type of cable
7. All assemblies built with high-quality single mode fiber optic cable and are built to exceed GR-326-CORE for insertion and return loss

**Silver Custom** - Used when a hybrid cable is desired in a relatively standard network environment.

**Silver Standard** - Optimal off-the-shelf solution for the most cost-sensitive projects.

Assembly Level	GR-326 Compliant	Connector Type	Cable Type	Test Results	Guaranteed Performance	Order Length
					Max IL Min RL	
Silver Custom	No	House	Choice	with each patchcord	=.30 =.30	custom
Silver Standard	No	House	House	guaranteed	>55 UPC / >65 APC	(meters) 1 - 5, 7, 10, 15

### Silver Custom Ordering Information

SCFAP - 11										Order Length (meters) XXXM
Cable Type		Cable Rating		Cable Manufacturer		Connector 1		Connector 2		
Singlemode	11	Simplex Riser, 3.0mm	A	Pirelli, Stock	A	ST	0	ST	0	
		Dual-Zip Riser, 1.8mm	B	Berk-Tek, Available	B	SC Simplex	1	SC Simplex	1	
		Dual-Zip Riser, 3.0mm	C	Corning, Stock	C	FC	2	FC	2	
		Dual-Zip Riser, 2.0mm	D	Mohawk, Available	D	SC Duplex	3	SC Duplex	3	
		Simplex Riser, 2.0mm	E	OFS/Fitel, Available	E	SC APC Simplex	5	SC APC Simplex	5	
		Simplex Riser, 1.6mm	F	OCC, Available	F	FC APC	6	FC APC	6	
		Simplex Plenum, 3.0mm	G	General, Available	G	LC Duplex	7	LC Duplex	7	
		Dual-Zip Plenum, 3.0mm	H			D4	A	D4	A	
		Dual-Round Riser, 4.8mm	J			LC Simplex	D	LC Simplex	D	
		Mini-Dual Round Riser, 3.0mm	K			Escon	E	Escon	E	
		Simplex 900µm Buffered Fiber, 900µm	L			FC Long Nut	F	FC Long Nut	F	
						LC APC Simplex	G	LC APC Simplex	G	
								Pigtail,	x	

Example:

Part Number: SCFAP-11A00 003M  
Description: Singlemode, Simplex, Riser Rated, 3.0mm, ST-ST, 3 meters long

### Silver Standard Ordering

SFAP - 11										Options	
Cable Type		Cable Rating		Connector 1		Connector 2		Order Length (meters)		Labeled = L	
Singlemode	11	Simplex Riser, 3.0mm	P	ST	0	ST	0	001M =	1Meter		
				SC Simplex	1	SC Simplex		002M =	2Meter		
				SC APC Simplex	5	SC APC Simplex		003M =	3Meter		
				Connector Styles For Singlemode Silver Standard: ST/ST				004M =	4Meter		
				SC/SC				005M =	5Meter		
				SC APC/SC APC				007M =	7Meter		
								010M =	10 Meter		
								015M =	15 Meter		

Example:  
Part Number: SFAP-11P00 003M  
Description: Singlemode, Simplex, Riser Rated, 3.0mm, ST-ST, 3 meters long

Notes:  
Label Example: "ST-ST" "1 meter"