

Singlemode Fiber Assemblies

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



- Ultra Physical Contact (UPC) and/or Angled Physical Contact (APC) options available on SC and FC connectors
- A variety of connector styles available, including ST, SC, FC, and LC
- Insertion and return loss measurements provided with each assembly
- Riser and plenum jacket options available
- Available in simplex, dual-round and dual-zip configurations
- Custom assemblies available on virtually any type of cable
- All assemblies built with high-quality singlemode 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	>55 UPC / >65 APC	custom
Silver Standard	No	House	House	guaranteed	≤.30	>55 UPC / >65 APC	(meters) 1 - 5, 7, 10, 15

Silver Custom Ordering Information

11										
Cable Type		Cable Rating		Cable Manufacturer		Connector 1		Connector 2		Order Length (meters) XXXM
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, No Connector	X	

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

For options not listed, call APACN.

Silver Standard Ordering

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

Connector Styles For Singlemode Silver Standard:

- ST/ST
- SC/SC
- SC APC/SC APC

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"

For options not listed, call APACN.

