

SC Connectors



- Optimum optical performance through Orbray's high quality ferrules
- Wide selection of ferrule specifications
- Ferrule inspection data sheet supplied with all shipments

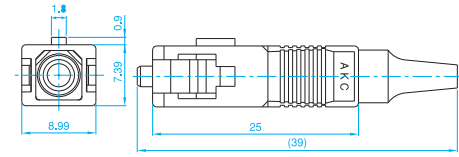
Specifications

- Based on IEC 61754-4: Type SC connector
- Telcordia GR-326-CORE tested
- Fiber types : SM (9/125), MM (50/125, 62.5/125)
- Insertion Loss*: [Connector] $\leq 0.1\text{dB}$ (SM), $\leq 0.1\text{dB}$ (MM)
[Adapter] $\leq 0.2\text{dB}$, $\leq 0.1\text{dB}$ (APC)
- Return Loss*: $\geq 50\text{dB}$ (SM), $\geq 60\text{dB}$ (APC), $\geq 30\text{dB}$ (MM)
- Operating Temperature: -40°C - $+85^{\circ}\text{C}$
- Temperature Stability: $\leq 0.3\text{dB}$ (-40°C - $+85^{\circ}\text{C}$)
- Mating Durability: $\leq 0.2\text{dB}$ (500 times)
- Housing Color: Blue (PC, SM), Green (APC), Beige (MM)

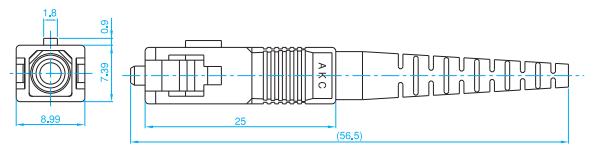
*Tested against Master Connector

Fiber Jacket $\Phi 0.9\text{mm}$

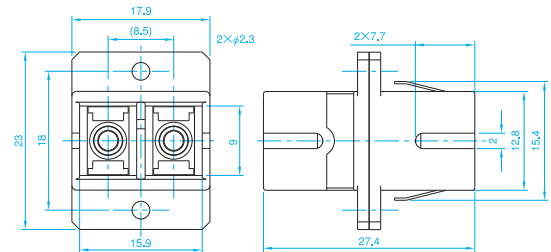
Dimension: Millimeters



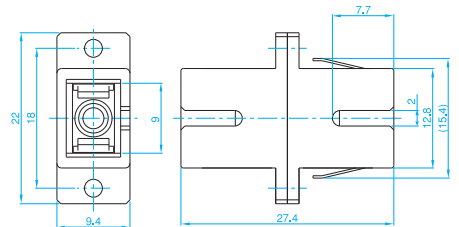
Fiber Cable $\Phi 2.0\text{mm}$



Adapter(SCH-2A)



Adapter



Ordering Codes Connectors

A C S - [] - [] - [] - [] - X

Plug Variants	Ferrule Concentricity	Ferrule Inside Diameter	Configuration	Boot Color ($\phi 2.0\text{mm}$, $\phi 3.0\text{mm}$)	Edge Surface Diameter
0348 : SC- $\phi 0.9$ (PC)	05 : $0.5\mu\text{m}$ (SM)	250 : $\phi 0.1250\text{mm}$ (SM)	P : One-Piece	1 : Blue (SM)	C : Conical type
0618 : SC- $\phi 0.9$ (APC)	10 : $1.0\mu\text{m}$ (SM)	255 : $\phi 0.1255\text{mm}$ (SM)	Pre-Assembled	2 : White (MM)	S : Step type
0783 : SC- $\phi 0.9$ (MM)	14 : $1.4\mu\text{m}$ (SM)	260 : $\phi 0.1260\text{mm}$ (SM,MM)	K : Multi-Piece Kit	3 : Black ($\phi 0.9$)	
0349 : SC- $\phi 2.0$ (PC)	30 : $3.0\mu\text{m}$ (MM)	270 : $\phi 0.1270\text{mm}$ (MM)		4 : Red	
0619 : SC- $\phi 2.0$ (APC)	40 : $4.0\mu\text{m}$ (MM)			5 : Green (APC)	
0784 : SC- $\phi 2.0$ (MM)	50 : $5.0\mu\text{m}$ (MM)			6 : Yellow	
0350 : SC- $\phi 3.0$ (PC)				0 : Other Color	
0620 : SC- $\phi 3.0$ (APC)					
0785 : SvC- $\phi 3.0$ (MM)					

Ordering Codes Adapters

A A S - [] - []

Plug Variants	Latch Material
0309 : SC-Simplex(SM, Blue)	0688 : SC-SCF-2A(SM,Blue)
0657 : SC-Simplex(APC, Green)	1021 : SC-SCF-2A(APC, Green)
1019 : SC-Simplex(MM, Beige)	1020 : SC-SCF-2A(MM, Beige)
0687 : SC-SCH-2A(SM, Blue)	No : PBT
2314 : SC-SCH-2A(APC, Green)	S : PPS
2153 : SC-SCH-2A(MM, Beige)	