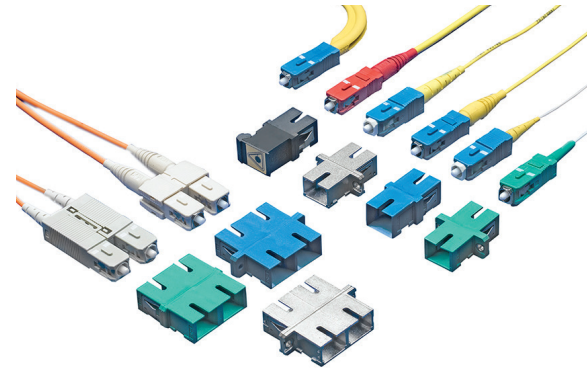


# SC Adapters and Cable Assemblies



## SC Adapters

Molex offers a variety of SC adapters. Options are available for zirconia ceramic or phosphor bronze alignment sleeves suitable for single-mode, multimode or APC operation, snap mount or screw mount installation, ultra-sonic welding or one-body structure, as well as optional adapter shutters. The shuttered adapters are equipped with a spring loaded shutter which automatically closes when a connector is removed from the adapter and shield against exposure to laser radiation and provide some barrier to dust contamination. EMI Shielded SC adapters are also available for applications where EMI or RFI emissions are a concern.



## SC Cable Assemblies

Molex SC cable (jumper) assemblies have been tested to the rigorous Telcordia GR-326-CORE. The connectors for cable assemblies are available in beige, blue, green, red and black color housing with straight boots for 900um (.035"), 1.60mm (.063"), 2.00mm (.079"), 2.40mm (.094") or 3.00mm (.118") cabling and 90° boots for 2.40mm (.094") and 3.00mm (.118") cables. Cable assemblies are available for single-mode, multimode and Angle Polished (APC) applications.

## Features and Advantages

Meets EIA/TIA, IEC and NTT-SC\* standards

Variety of colors and boot styles

Pre-polished ceramic ferrules minimizes polishing time, and maintains endface geometry

Low insertion loss:

Singlemode < .15 dB typical;

Multimode < .34 dB typical;

Singlemode APC < .25 dB typical

One-piece body design minimizes termination time and is field installable

Shuttered adapters shield against exposure to laser radiation for unused fiber channels

Adapters available with Zirconia ceramic or phosphor bronze alignment sleeves for singlemode or multimode operation

## Applications

Telecommunication Networks

Data Communication Networks

CATV Networks

Active Device Termination



Data Center

# SC Adapters and Cable Assemblies




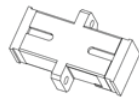


## Ordering Information

### Ultra-sonic Welding SC Adapters

Ordering No.	Sleeve	Housing Color	Mounting	Shutter
106161-0000	Zirconia Ceramic	Blue	Screw Mount	No
106160-0000	Phosphor Bronze			
106161-3000	Zirconia Ceramic	Green		
106160-3000	Phosphor Bronze			
106161-5000	Zirconia Ceramic	Beige		
106160-5000	Phosphor Bronze			
106161-0500	Zirconia Ceramic	Blue	Snap Mount	Yes
106160-0500	Phosphor Bronze			
106161-3500	Zirconia Ceramic	Green		
106160-3500	Phosphor Bronze			
106170-0120	Zirconia Ceramic	Blue		
106171-0120	Phosphor Bronze			
106170-0150	Zirconia Ceramic	Black		
106171-0150	Phosphor Bronze			
106170-0100	Zirconia Ceramic	Blue		
106171-0100	Phosphor Bronze			
106170-0550	Zirconia Ceramic	Green		
106171-0550	Phosphor Bronze			
106170-0520	Zirconia Ceramic	Beige		
106171-0520	Phosphor Bronze			
106170-0560	Zirconia Ceramic			

### One-body SC Adapters

Ordering No.	Flange	Clip	Picture	Color
88536-1100	No	Yes		Green
88536-1101				Blue
88536-1102				Beige
88536-1107	No	No		Green
88536-1108				Blue
88536-1109				Beige
88536-1103	Yes	Yes		Green
88536-1104				Blue
88536-1105				Beige
88536-1110	No	No		Green
88536-1111				Blue
88536-1112				Beige

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