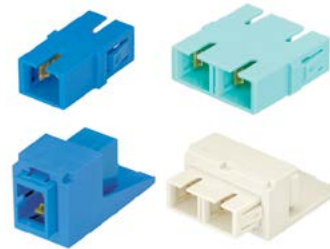


# SC Fiber Optic Adapters

## specifications

SC fiber optic adapters with integrated panel retention clips are TIA/EIA-604 FOCIS-3 compliant. Each SC simplex adapter shall connect one SC connector pair in one module space. Each SC duplex adapter shall connect two SC connector pairs in two module spaces. SC adapters and adapter modules shall include split sleeves for multimode applications or zirconia ceramic split sleeves for singlemode applications.



## technical information

<b>Standards requirements:</b>	TIA/EIA-604 FOCIS-3 compliant; exceeds TIA/EIA-568-B.3 requirements
<b>Split sleeve material:</b>	Phosphor bronze or zirconia ceramic (required for singlemode applications)
<b>Insertion loss:</b>	0.1dB average (multimode), 0.15dB average (singlemode); supports the performance of FOCIS-3 compliant connectors/patch cords
<b>Return loss:</b>	Supports singlemode (>40dB for SPC and >55dB for UPC) and multimode (>20dB) connector polish performance

\*Panduit LC Connector/Adapter connection

## key features and benefits

<b>Integrated panel retention clips:</b>	No metal clips to become bent, damaged or lost; clips automatically adjust for FOCIS-3 compliant panel thickness variations for improved mounting
<b>High glass transition temperature latch material (Tg&gt;100°C)</b>	Meets Telcordia GR-326-CORE, Issue 3; maintains latch integrity/geometry in high temperature environments for improved reliability
<b>Improved adapter protective cap design</b>	Maximum protection from contamination; protective cap fully surrounds split sleeve opening
<b>Short flange design</b>	Improved modularity and higher density usage
<b>Zirconia ceramic split sleeves</b>	Provides an adapter split sleeve material option to fit specific network requirements
<b>Adapters available in Mini-Com® Modules</b>	System flexibility; adapter modules can be used in all Mini-Com® Closet Products and Work Area Outlets
<b>Adapters available in patch panels, fiber adapter panels (FAPs) and Opticom® QuickNet™</b>	Provides a complete SC system solution
<b>Adapters and modules available in multiple colors</b>	Allows color-coding for network segregation

## applications

Panduit SC Fiber Optic Adapters can be used with Mini-Com® Modules, Patch Panels, Faceplates and Surface Mount Boxes for a complete SC system solution. SC adapters provide a robust solution for LANs, public networks, storage area networks and fiber-to-the-desk applications. SC adapters can also be mounted in high-density applications within Opticom® QuickNet™ Cassettes and Fiber Enclosures, and Opticom® Fiber Adapter Panels (FAPs) and Enclosures.

### SC Fiber Optic Adapters

<b>Simplex OM1:</b>	FASSCZEI-L
<b>Simplex OM3/4/4+:</b>	FASSCZAQ-L
<b>Simplex OM5:</b>	FASSCZLM-L
<b>Simplex OS2:</b>	FASSCZBU-L
<b>Simplex OS2 APC:</b>	FASSCZAG-L
<b>Duplex OM1:</b>	FADSCZEI-L
<b>Duplex OM3/4/4+:</b>	FADSCZAQ-L
<b>Duplex OM5:</b>	FADSCZLM-L
<b>Duplex OS2:</b>	FADSCZBU-L
<b>Duplex OS2 APC:</b>	FADSCZAG-L

L = Bag of 50 adapters; 100 per carton.

### Mini-Com® SC Adapter Modules

<b>Simplex OM1:</b>	CMSEISCZEI
<b>Duplex OM1:</b>	CMDEISCZEI
<b>Simplex OM3/4/4+:</b>	CMSAQSCZBL
<b>Duplex OM3/4/4+:</b>	CMDAQSCZBL
<b>Simplex OS2:</b>	CMSBUSCZBU
<b>Duplex OS2:</b>	CMDBUSCZBU
<b>Simplex OS2 APC:</b>	CMSAGSCZBL
<b>Duplex OS2 APC:</b>	CMDAGSCZBL

### Opticom® SC Fiber Adapter Panels

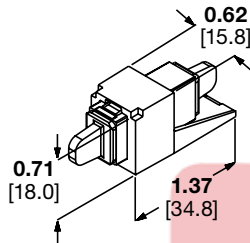
<b>6 duplex OM1:</b>	FAP6WEIDSCZ
<b>6 duplex OM3/4/4+:</b>	FAP6WAQDSCZ
<b>6 duplex OS2:</b>	FAP6WBUDSCZ
<b>12 simplex OS2:</b>	FAP12WBUSCZ

# SC Fiber Optic Adapters

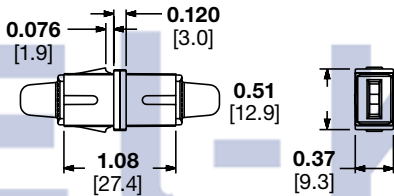
## selection information

Part Number	Adapter Type	Split Sleeve Material	Adapter Color	Module Color	Average Insertion Loss <sup>^</sup>	Return Loss <sup>^</sup>
<b>SC Adapters</b>						
FASSCZEI-L	Multimode Simplex	-	Electric Ivory	N/A	0.1dB	>20dB
FADSCZEI-L	Multimode Duplex	-	Electric Ivory	N/A		
FASSCZAQ-L	Multimode Simplex	Zirconia Ceramic	Aqua	N/A	0.15dB	>40dB
FADSCZAQ-L	Multimode Duplex	Zirconia Ceramic	Aqua	N/A		
FASSCZBU-L	Singlemode Simplex	Zirconia Ceramic	Blue	N/A		
FADSCZBU-L	Singlemode Duplex	Zirconia Ceramic	Blue	N/A		
FASSCZAG-L	APC Singlemode Simplex	Zirconia Ceramic	Green	N/A		
FADSCZAG-L	APC Singlemode Duplex	Zirconia Ceramic	Green	N/A		
FASSCZLM-L	Multimode Simplex	Zirconia Ceramic	Lime	N/A		
FADSCZLM-L	Multimode Duplex	Zirconia Ceramic	Lime	N/A		
<b>SC Adapter Modules</b>						
CMSEISCZEI	Multimode Simplex	-	Electric Ivory	Electric Ivory	0.1dB	>20dB
CMDEISCZEI	Multimode Duplex	-	Electric Ivory	Electric Ivory		
CMSAQSCZBL	Multimode Simplex	Zirconia Ceramic	Aqua	Black		
CMDAQSCZBL	Multimode Duplex	Zirconia Ceramic	Aqua	Black		
CMSBUSCZBU	Singlemode Simplex	Zirconia Ceramic	Blue	Blue	0.15dB	>40dB
CMDBUSCZBU	Singlemode Duplex	Zirconia Ceramic	Blue	Blue		
CMSAGSCZBL	APC Singlemode Simplex	Zirconia Ceramic	Green	Black		
CMDAGSCZBL	APC Singlemode Duplex	Zirconia Ceramic	Green	Black		

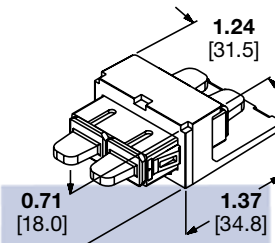
Mini-Com® SC Simplex Adapter Module



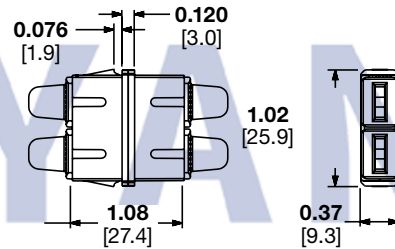
SC Simplex Adapter



Mini-Com® SC Duplex Adapter Module



SC Duplex Adapter



Dimensions are in inches. [Dimensions in brackets are metric].

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