

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 phosphor bronze split sleeves for multimode applications or zirconia ceramic split sleeves for singlemode applications.



technical information

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

*Panduit LC Connector/Adapter connection

key features and benefits

Integrated panel retention clips:	No metal clips to become bent, damaged or lost; clips automatically adjust for FOCIS-3 compliant panel thickness variations for improved mounting
High glass transition temperature latch material (Tg>100°C)	Meets Telcordia GR-326-CORE, Issue 3; maintains latch integrity/geometry in high temperature environments for improved reliability
Improved adapter protective cap design	Maximum protection from contamination; protective cap fully surrounds split sleeve opening
Short flange design	Improved modularity and higher density usage
Choice of phosphor bronze or zirconia ceramic split sleeves	Provides an adapter split sleeve material option to fit specific network requirements
Q.C. number and split sleeve material laser marked on every adapter	Assures 100% traceability; quick and easy identification of split sleeve material: SC-P = Phosphor Bronze and SC-Z = Zirconia Ceramic
Adapters available in Mini-Com® Modules	System flexibility; adapter modules can be used in all Mini-Com® Closet Products and Work Area Outlets
Adapters available in patch panels, fiber adapter panels (FAPs) and Opticom® QuickNet™ Pre-Terminated MTP® Cassettes	Provides a complete SC system solution
Adapters and modules available in multiple colors	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

*MTP is a registered trademark of US Conec Ltd.

and fiber-to-the-desk applications. SC adapters can also be mounted in high-density applications within Opticom® QuickNet™ Pre-Terminated MTP® Cassettes and Fiber Enclosures, and Opticom® Fiber Adapter Panels (FAPs) and Enclosures.

PANDUIT®

SPECIFICATION SHEET

SC Fiber Optic Adapters

Simplex MM:	FASSCEI-L
Duplex MM:	FADSCEI-L
Simplex 10Gig™:	FASSCAQ-L
Duplex 10Gig™:	FADSCAQ-L
Simplex 10Gig™ (zirc.):	FASSCZAQ-L
Duplex 10Gig™ (zirc.):	FADSCZAQ-L
Simplex SM (zirc.):	FASSCZBU-L
Duplex SM (zirc.):	FADSCZBU-L
Simplex APC (zirc.):	FASSCZAG-L
Duplex APC (zirc.):	FADSCZAG-L

L = Bag of 50 adapters; 100 per carton.

Mini-Com® SC Adapter Modules

Simplex MM:	CMSEISCEI
Duplex MM:	CMDEISCEI
Simplex 10Gig™:	CMSAQSCBL
Duplex 10Gig™:	CMDAQSCBL
Simplex 10Gig™ (zirc.):	CMSAQSCZBL
Duplex 10Gig™ (zirc.):	CMDAQSCZBL
Simplex SM (zirc.):	CMSBUSCZBU
Duplex SM (zirc.):	CMDBUSCZBU
Simplex APC (zirc.):	CMSAGSCZBL
Duplex APC (zirc.):	CMDAGSCZBL

Opticom® SC Fiber Adapter Panels

6 duplex MM:	FAP6WEIDSC
6 duplex 10Gig™:	FAP6WAQDSCZ
6 duplex SM (zirc.):	FAP6WBUDSCZ
12 simplex SM (zirc.):	FAP12WBUSCZ

Opticom® QuickNet™ Pre-Terminated MTP® Cassettes

12 SC to MTP® (12f):	FC^12-3S
6 SC to MTP® (12f):	FC^12-3

SC Simplex Fiber Optic Connectors

MM (900µm/3mm, black):	FSCMBL
MM (900µm/3mm, red):	FSCMRD
SM (900µm/3mm, blue):	FSCSBU
MM (900µm/2mm, black):	FSCM2.0BL
MM (900µm/2mm, red):	FSCM2.0RD
SM (900µm/2mm, blue):	FSCS2.0BU

SC Duplex Fiber Optic Connectors

Multimode (3mm only):	FSCDM
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Opti-Core® Fiber Optic Patch Cords

Duplex SC to SC:	F^D3-3M‡
Simplex SC to SC:	F^S3-3M‡
Simplex SC to pigtail:	F^B3-NM‡

HD Connector Removal Tool

For LC and SC:	HDCRT
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**Substitute for module color:

EI = Electric Ivory	BU = Blue
IG = International Gray	WH = White
TG = Technical Gray	BL = Black
AW = Arctic White	IW = Off White
EW = European White	

^Substitute for fiber type:

X (OM3/OM4 – 10Gig™ 50/125µm),
5 (OM2 – 50/125µm), 6 (OM1 – 62.5/125µm)
or 9 (OS1 – 9/125µm).

‡Substitute for length in meters: 1, 2, 3, 5 or 10 for patch cords, and 1, 2 or 3 for pigtails; singlemode patch cords are also available in 12, 15, 25 or 30 meter lengths. Contact Customer Service for other available lengths.

SC Fiber Optic Adapters

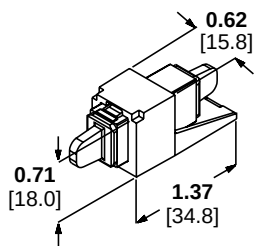
selection information

Part Number	Adapter Type	Split Sleeve Material	Adapter Color	Module Color	Average Insertion Loss^	Return Loss^
SC Adapters						
FASSCEI-L	Multimode Simplex	Phosphor Bronze	Electric Ivory	N/A	0.1dB	>20dB
FADSCEI-L	Multimode Duplex	Phosphor Bronze	Electric Ivory	N/A		
FASSCAQ-L	10Gig™ Multimode Simplex	Phosphor Bronze	Aqua	N/A		
FADSCAQ-L	10Gig™ Multimode Duplex	Phosphor Bronze	Aqua	N/A		
FASSCZAQ-L	10Gig™ Multimode Simplex	Zirconia Ceramic	Aqua	N/A		
FADSCZAQ-L	10Gig™ Multimode Duplex	Zirconia Ceramic	Aqua	N/A		
FASSCZBU-L	Singlemode Simplex	Zirconia Ceramic	Blue	N/A	0.15dB	>40dB
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		
SC Adapter Modules						
CMSEISCEI	Multimode Simplex	Phosphor Bronze	Electric Ivory	Various**	0.1dB	>20dB
CMDEISCEI	Multimode Duplex	Phosphor Bronze	Electric Ivory	Various**		
CMSAQSCBL	10Gig™ Multimode Simplex	Phosphor Bronze	Aqua	Black		
CMDAQSCBL	10Gig™ Multimode Duplex	Phosphor Bronze	Aqua	Black		
CMSAQSCZBL	10Gig™ Multimode Simplex	Zirconia Ceramic	Aqua	Black		
CMDAQSCZBL	10Gig™ Multimode Duplex	Zirconia Ceramic	Aqua	Black		
CMSBUSCZBU	Singlemode Simplex	Zirconia Ceramic	Blue	Various**	0.15dB	>40dB
CMDBUSCZBU	Singlemode Duplex	Zirconia Ceramic	Blue	Various**		
CMSAGSCZBL	APC Singlemode Simplex	Zirconia Ceramic	Green	Black		
CMDAGSCZBL	APC Singlemode Duplex	Zirconia Ceramic	Green	Black		

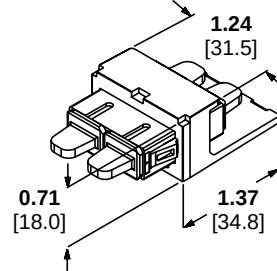
^Panduit SC Connector/Adapter connection

**For other colors, replace suffix EI or BU with EI (Electric Ivory), BU (Blue), IG (International Gray), WH (White), TG (Technical Gray), BL (Black), AW (Arctic White), IW (Off White) or EW (European White).

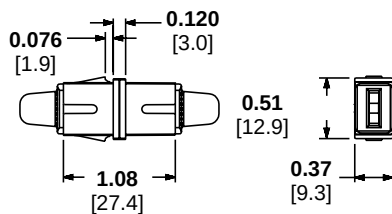
Mini-Com® SC Simplex Adapter Module



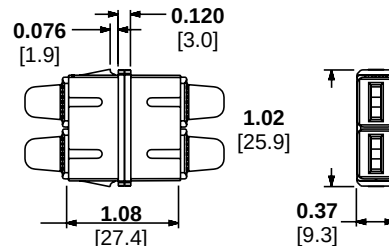
Mini-Com® SC Duplex Adapter Module



SC Simplex Adapter



SC Duplex Adapter



Dimensions are in inches [Dimensions in brackets are in millimeters]

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