

SC Connectors

Product Facts

- One-piece connector body:
 - Fastest assembly
 - Field installable
 - Anaerobic adhesive compatible
- Compliant with
 - JIS C-5973
 - Fibre Channel
 - TIA FOCIS-3
- Pre-radiused ceramic ferrules
- For 125 µm cladding diameter
- Instruction Sheet 408-8674
<http://www.tycoelectronics.com/documents>
- Color coded to comply with 568C
 - Aqua for 50/125 laser optimized
 - Black for standard 50/125
 - Beige for 62.5/125
 - Blue for singlemode

Performance Characteristics for Singlemode SC Connector Kits — Polymer Crimp Body

- Insertion Loss — <0.2 dB Typical
- Return Loss — <-55 dB Typical
- Durability — 200 Cycles

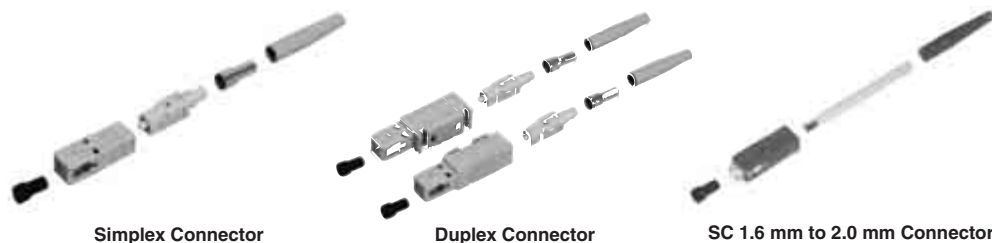
Performance Characteristics for GR-326 Style Product

- Insertion Loss — <0.2 dB Typical
- Return Loss — <-59 dB Typical
- Durability — 200 Cycles
- Tested to GR-326 (Test Report 501-584)
- Tunable — 6 positions

Performance Characteristics for Multimode SC Connector Kits

- Insertion Loss — <0.2 dB Typical
- Durability — 500 Cycles
- TIA 586B Compliant

Note: All part numbers are RoHS compliant.



Singlemode SC Connector Kits — Polymer Crimp Body

Description	Housing Color	Boot Color	Used With	Part Numbers		
				Individual Pack	Bulk Pack	Crimp Tool
Simplex	Blue	Blue	900 µm Buffered, 3.0 mm Jacketed	5504646-7	—	503911-1
			3.0 mm Jacketed	5504646-1	5504646-2	503911-1
			2.4 mm Jacketed	5504933-2	5504933-4	492026-1
			2.0 mm Jacketed	5503934-2	5503934-3	492026-1
			900 µm Buffer	5492123-1	5492123-2	N/A
Duplex	Blue	Blue	3.0 mm Jacketed	5504655-1	5504655-2	503911-1
			2.0 mm Jacketed	5504936-2	—	492026-1

GR-326 Style Singlemode SC Connector Kits — Metal Crimp Body

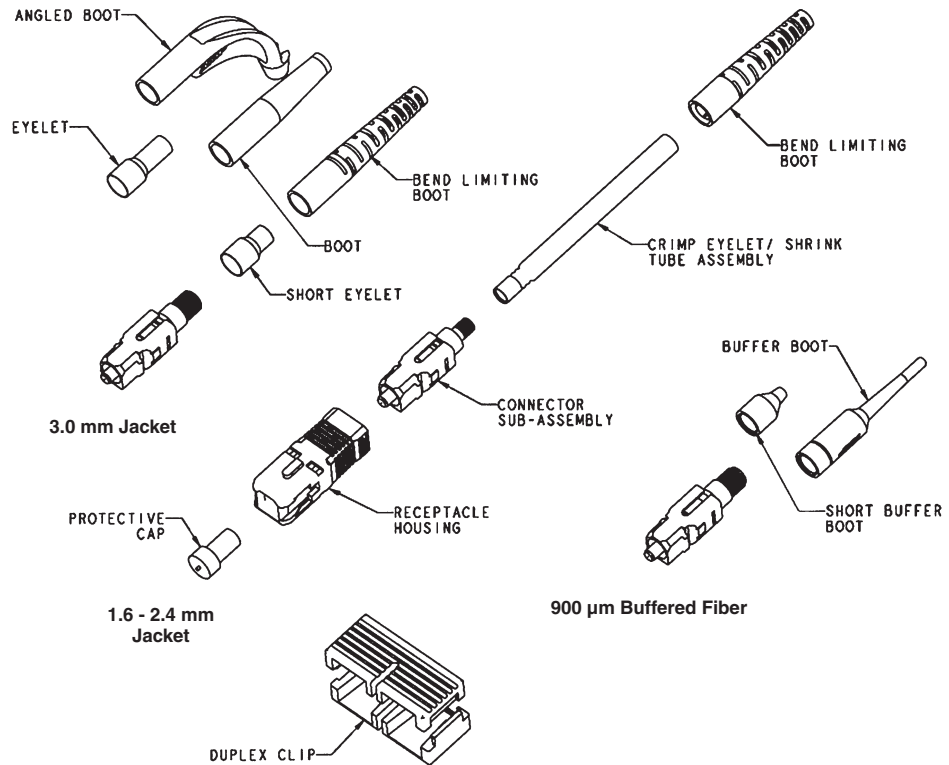
Description	Housing Color	Boot Color	Used With	Part Numbers		
				Individual Pack	Bulk Pack	Crimp Tool
Simplex	Blue	Blue	3.0 mm Jacketed	4-1918861-5	—	(1) 492131-1 (1) 58532-1
			2.4 mm Jacketed	6588714-5	6588714-6	1588176-1
			2.0 mm Jacketed	6588714-1	6588714-4	1588176-1
Duplex	Blue	Blue	2.4 mm Jacketed	6693776-5	6693776-6	1588176-1
			2.0 mm Jacketed	6693776-1	6693776-2	1588176-1

Multimode SC Connector Kits

Description	Housing Color	Boot Color	Used With	Part Numbers		
				Individual Pack	Bulk Pack	Crimp Tool
Simplex	Beige	Aqua	900 µm Buffered, 3.0 mm Jacketed	1-5503948-1	—	503911-1
			3.0 mm Jacketed	1-5503948-0	—	503911-1
			2.0 mm Jacketed	5504931-5	—	492026-1
			900 µm Buffer	5504932-5	—	N/A
	Beige	Black	900 µm Buffered, 3.0 mm Jacketed	1-5503948-2	—	503911-1
			3.0 mm Jacketed	1-5503948-3	5503948-8	503911-1
			2.0 mm Jacketed	5504931-6	5504931-3	492026-1
			900 µm Buffer	5504932-1	5504932-2	N/A
			900 µm Buffered, 3.0 mm Jacketed	5503948-5	—	503911-1
			3.0 mm Jacketed	5503948-1	5503948-2	503911-1
			2.4 mm Jacketed	5504930-1	5504930-2	492026-1
			2.0 mm Jacketed	5504931-1	—	492026-1
Duplex	Beige	Aqua	900 µm Buffer	5504932-6	—	N/A
			3.0 mm Jacketed	5504657-8	—	503911-1
			2.0 mm Jacketed	5504928-3	—	492026-1
			3.0 mm Jacketed	5504657-9	—	503911-1
	Beige	Black	2.0 mm Jacketed	5504928-4	—	492026-1
			3.0 mm Jacketed	5504657-1	5504657-2	503911-1
			2.4 mm Jacketed	5504927-1	5504927-2	492026-1
			2.0 mm Jacketed	5504928-1	—	492026-1
	Beige	Beige	3.0 mm Jacketed	5504927-1	5504927-2	492026-1
			2.0 mm Jacketed	5504928-1	—	492026-1

SC Connectors (Continued)

SC Connector Components



SC Duplex Clip (Black) Part Number 6348522-1

Use 2 pieces to duplex
simplex housings



SC Connector Component Selection Chart (bulk packaged)

Fiber Type	Simplex Connector Sub-Assembly	Duplex Clip*	Cable Size	Crimp Eyelet w/ Heat Shrink	Crimp Eyelet	Strain Relief Part Number**
Singlemode - GR-326 Style	6457215-5	(2) 6348522-1	3.0 mm	—	504973-3	1588491-X
			2.4 mm	6588189-1	—	1588153-X
	6588714-3	(2) 6348522-1	1.6-2.0 mm	6374150-2	—	1588153-X
			900 µm	—	—	1828184-X
Singlemode - Polymer Crimp Body	5492123-7	(2) 6348522-1	3.0 mm	—	503970-3	5503971-X
			2.4 mm	—	503970-6	5503971-X
	5492123-7	(2) 6348522-1	2.0 mm	—	503970-9	5503971-X
			900 µm	—	—	6457493-X (long) 6278309-X (short)
Multimode - Metal Crimp Body (Ceramic Ferrule)	6588715-5	(2) 6348522-1	2.4 mm	6588189-1	—	1588153-X
			1.6-2.0 mm	6374150-2	—	1588153-X
			900 µm	—	—	1828184-X
Multimode - Polymer Crimp Body (Ceramic Ferrule)	5503948-7	(2) 6348522-1	3.0 mm	—	503970-3	5503971-X
			2.4 mm	—	503970-6	5503971-X
	5503948-7	(2) 6348522-1	2.0 mm	—	503970-9	5503971-X
			900 µm	—	—	6457493-X (long) 6278309-X (short)

* For Fibre Channel compliant assemblies, use one (1) piece each of Part Number 503487-Y and 503488-Y. (Dash refers to color — refer to customer drawing for details).

** Strain relief dash number indicates color - see page 55 for details.

Note: All part numbers are RoHS compliant.

SC Connectors (Continued)

SC Strain Reliefs — Jacketed Cable

Description	GR-326 Style	Part Number			
		Color			
		Black	Red	Beige	Blue
3.0 mm	No	1-5503971-0	1-5503971-1	5503971-1	5503971-2
2.4 mm	No	1-5503971-2	1-5503971-3	5503971-3	5503971-4
2.0 mm	No	2-5503971-3	2-5503971-7	5503971-5	5503971-6
3.0 mm	Yes	—	—	—	1588491-2
1.6 mm - 2.4 mm	Yes	1588153-3	—	1588153-5	1588153-2



3.0 mm - GR-326 Style



3.0 mm Angled



900 µm Short

SC Strain Reliefs — Angled

Description		Part Number		
		Color		
		Black	Beige	Blue
3.0 mm	Simplex	1278705-3	1278705-2	1278705-1
2.0 mm	Simplex	1374737-3	1374737-2	1374737-1
2.0 mm	45° Simplex	6457543-4	6457543-1	6457543-2

SC Strain Reliefs — 900 micron

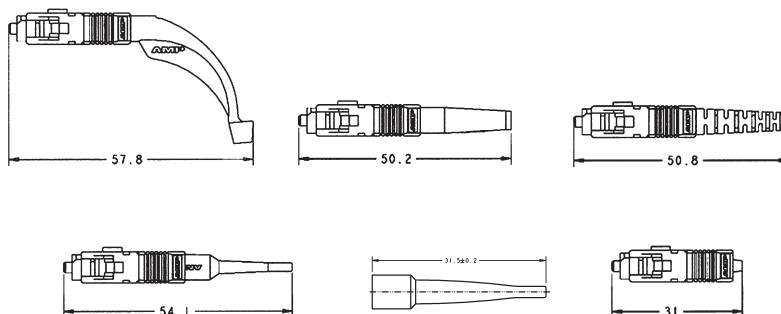
Description		Part Number		
		Color		
		Black	Beige	Blue
Long (33 mm) 900 µm		6457493-3	6457493-9	6457493-1
Short (10 mm) 900 µm		6278309-1	—	6278309-2
GR-326 Style 900 µm		1828184-2	1828184-4	1828184-1



900 µm



GR-326 Style 900 µm



SC Low Loss Loopback Connector

Part Number 5503141-1

Product Facts

- 62.5/125 Multimode
- Use for Equipment Testing
- 0.6 dB Insertion Loss
- 0.5" Ferrule Centerline

Part Number 5503141-2

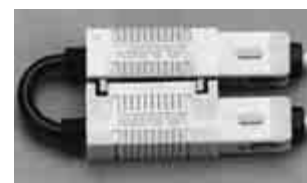
Product Facts

- 50/125 Multimode
- Use for Equipment Testing
- 0.8 dB Insertion Loss
- 0.5" Ferrule Centerline

Part Number 5504883-1

Product Facts

- Singlemode
- Use for Equipment Testing
- 1.5 dB Insertion Loss
- 0.5" Ferrule Centerline



Note: All part numbers are RoHS compliant.

SC Connectors (Continued)

Tight Jacketed SC Connectors

Product Facts

- Multimode or singlemode
- Simplex or duplex
- Tested using MIL-PRF-85045/16 2.0 mm cable
- SC Commercial Item Description (CID) interim approval by Naval Surface Warfare Center, Dahlgren Division

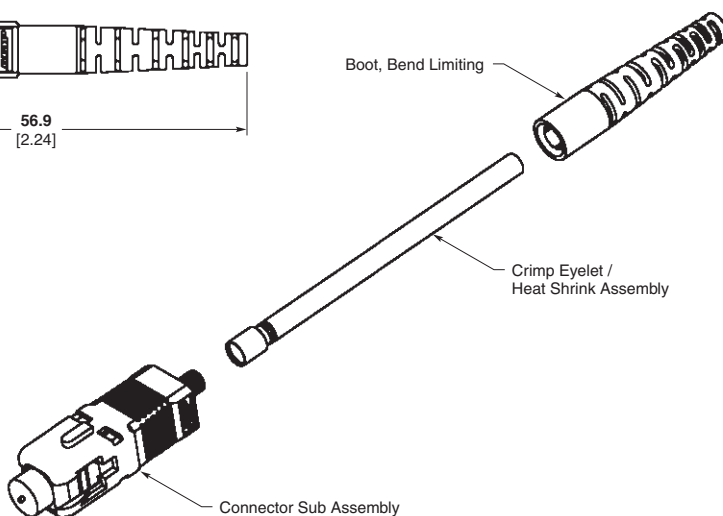
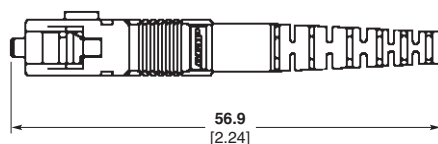
Application

- In Flight Networks
- Shipboard Applications
- Aero Market



The tight jacketed SC Connectors are non pull-proof versions of the standard connectors that are designed for use with tight construction cable. Unlike

standard connectors, this design allows the jacket and buffer to move together, reducing the chances of micro-bends and fiber breakage.



Tight Jacketed SC Connector Kits

Fiber Type	Kit Part Number	Description
Singlemode (blue body & straight boot)	6828100-X	Simplex, 1.6–2.0 mm
	1828573-X	Duplex, 1.6–2.0 mm
	1918227-X	Simplex, 2.4 mm
Multimode (beige body & straight boot)	6828099-X	Simplex, 1.6–2.0 mm
	1828574-X	Duplex, 1.6–2.0 mm
	1918154-X	Simplex, 2.4 mm

Note: X = -1 for individual package, -2 for bulk package.
Instruction Sheet 408-10015. See <http://www.tycoelectronics.com/documents>.

Note: All part numbers are RoHS compliant.

SC Connectors (Continued)

SC Adapters

Product Facts

- Suitable for any SC connector
- Available with metal or ceramic alignment sleeves
- Choice of housing materials and colors
- Color coded to comply with 568C
 - Aqua for 50/125 laser optimized
 - Black for standard 50/125
 - Beige for 62.5/125
 - Blue for singlemode
- Duplex adapters accept two simplex connectors or one duplex connector
- Assortment of hybrid configurations available
- Mounting screws available
Part Number 503663-1
- Slide-on cover available
- EMI gasketed parts available



SC Simplex Adapter - Plastic



Flangeless SC Simplex Adapter - Plastic



SC Simplex Adapter - Metal



Flangeless SC Simplex Adapter - Metal



SC Duplex Adapter - Plastic

Note: All part numbers are RoHS compliant.

SC Simplex Adapter - Plastic

Alignment Sleeve Material/Application	Housing Color	Part Numbers
Metal/MM only	Beige	5504614-1
	Black	5504614-3
	Aqua	5504614-4
Metal	Beige	5502632-9
	Black	5502632-7
	Aqua	2-5502632-3
	Blue	5502632-8
Ceramic	Beige	1-5502632-2
	Black	1-5502632-0
	Aqua	2-5502632-4
	Blue	1-5502632-1
Ceramic/APC	Green	1828028-2

Flangeless SC Simplex Adapter - Plastic

Alignment Sleeve Material	Housing Color	Part Numbers
Metal	Black	5504632-1
	Blue	5504632-3
Ceramic	Black	5504632-2
	Aqua	5504632-6
	Blue	5504632-4
	Green	5504632-5

SC Simplex Adapter - Metal

Alignment Sleeve Material	Housing Color	Part Numbers
Metal	Electroless Nickel	6278348-1
Ceramic	Electroless Nickel	6278348-3

Flangeless SC Simplex Adapter - Metal

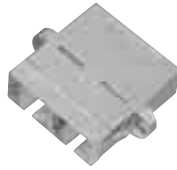
Alignment Sleeve Material	Housing Color	Part Numbers
Metal	Electroless Nickel	6278348-5
Ceramic	Electroless Nickel	6278348-7

SC Duplex Adapter - Plastic

Alignment Sleeve Material/Application	Housing Color	Part Numbers
Metal/MM only	Beige	5504640-1
	Black	5504640-4
	Aqua	5504640-6
Metal	Beige	5502776-9
	Black	5502776-7
	Aqua	2-5502776-5
	Blue	5502776-8
Ceramic	Beige	1-5502776-2
	Black	1-5502776-0
	Aqua	2-5502776-6
	Blue	1-5502776-1
Ceramic/APC	Green	2-5502776-3

SC Connectors (Continued)

SC Adapters (Continued)



SC Duplex Adapter

SC Duplex Adapter - Metal

Alignment Sleeve Material	Housing Color	Part Numbers
Metal	Electroless Nickel	6278049-1
Ceramic	Electroless Nickel	6278049-3



SC Duplex Metal Adapter
w/ EMI Shielding

Shielded SC Duplex Adapter - Metal

Alignment Sleeve Material	Housing Color	Part Numbers
Metal	Electroless Nickel	6374223-1
Ceramic	Electroless Nickel	6374223-3

- Designed to help prevent EMI leak
- Ideal for high-speed applications

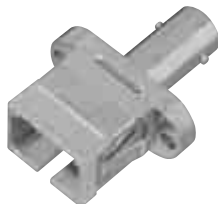
SC to ST Hybrid Adapters



SC to ST Simplex Adapter -
Plastic

SC to ST Simplex Adapter - Plastic

Alignment Sleeve Material	Housing Color	Part Numbers
Metal	Beige	5502780-3
	Black	5502780-1
	Aqua	2-5502780-0
	Blue	5502780-2
Ceramic	Beige	5502780-6
	Black	5502780-4
	Aqua	2-5502780-1
	Blue	5502780-5



SC to ST Simplex Adapter - Metal

SC to ST Simplex Adapter - Metal

Alignment Sleeve Material	Housing Color	Part Numbers
Metal	Electroless Nickel	6278350-1
Ceramic	Electroless Nickel	6278350-3

Note: All part numbers are RoHS compliant.

SC to ST Hybrid Adapters

(Continued)



Flangeless SC to ST Simplex Adapter - Metal

Flangeless SC to ST Simplex Adapter - Metal

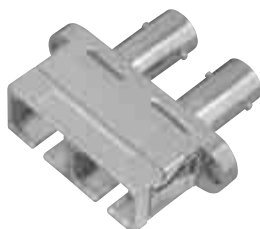
Alignment Sleeve Material	Housing Color	Part Numbers
Metal	Electroless Nickel	6278350-5
Ceramic	Electroless Nickel	6278350-7



SC to ST Duplex Adapter - Plastic

SC to ST Duplex Adapter - Plastic

Alignment Sleeve Material	Housing Color	Part Numbers
Metal (MM Only)	Beige	5504663-4
	Black	5504663-6
	Aqua	5504663-5
Metal	Beige	5503137-3
	Black	5503137-1
	Aqua	2-5503137-1
	Blue	5503137-2
Ceramic	Beige	5503137-6
	Black	5503137-4
	Aqua	1-5503137-9
	Blue	5503137-5



SC to ST Duplex Adapter - Metal

SC to ST Duplex Adapter - Metal

Alignment Sleeve Material	Housing Color	Part Numbers
Metal	Electroless Nickel	6278051-1
Ceramic	Electroless Nickel	6278051-3

Slide-on Retractable Cover for SC Simplex or Duplex Applications



The Tyco Electronics slide-on retractable cover is used for simplex or duplex SC applications. These retractable doors slip onto the end of existing Tyco Electronics adapters and can be mounted after the adapter has already been installed.

- 1693539-1** — Blue Simplex SC
- 1693539-2** — Beige Simplex SC
- 1693539-3** — Green Simplex SC
- 1693540-1** — Blue Duplex SC
- 1693540-3** — Green Duplex SC

Note: All part numbers are RoHS compliant.

ST Connectors — Epoxy Type

Product Facts

- Epoxy type connector
- Pre-radiused ceramic ferrule
- Available in bulk packages
- Crimp tool
Part Number 58433-4

Singlemode Ceramic

Performance Characteristics

Insertion Loss — 0.3 dB typical

Back Reflection — <-40 dB typical

Durability — 200 cycles

Materials

Ferrule Material — Ceramic

Body Material — Nickel Plated Brass

Coupling Nut Material —
Plated Die Cast

Ceramic



Singlemode ST Connector Kits — Ceramic Ferrule

Body	Coupling Nut	Boot Color	Used With	Individual Pack Part Number	Bulk Pack Part Number	IS Sheet
Nickel-plated Brass	Zinc	Yellow (900 µm)	900 µm and 250 µm Fibers	5503613-2	5503613-3	408-9645
	Zinc	Yellow (Bend-Limiting)	900 µm and 250 µm Fibers, 3.0 mm Cable	5502579-2	—	408-9645
	Zinc	Yellow (Short)	900 µm and 250 µm Fibers, 3.0 mm Cable	5502580-2	5502580-4	408-9645

Multimode Ceramic

Performance Characteristics

Insertion Loss — 0.3 dB typical

Durability — 500 cycles

Ceramic



Multimode ST Connector Kits — Ceramic Ferrule

Body	Coupling Nut	Boot Color	Used With	Individual Pack Part Number	Bulk Pack Part Number	IS Sheet
Polymer	Polymer	Black (Short)	3.0 mm Cable	—	503569-2	408-9971
		Black (Short)	900 µm Fiber, 3.0 mm Cable	503571-1	—	408-9971
		Black (Buffer)/Black (Short)	900 µm and 250 µm Fibers, 2.4 mm & 3.0 mm Cable	5503571-3	—	408-9971
	Zinc	Black (Short)	3.0 mm Cable	503677-2	503677-1	408-9971
Nickel-plated Brass	Zinc	Black (Short)	3.0 mm Cable	—	5492458-2	408-9645
		Black (Buffer)/Black (Short)	900 µm and 3.0 mm Cable	5492458-1	—	408-9645
		Black (Buffer)/Black (Bend Limiting)	900 µm and 250 µm Fibers, 2.4 mm & 3.0 mm Cable	5501380-1	—	408-9645
		Black (Short)	2.4 mm & 3.0 mm Cable	1-5501380-6	2-5501380-0	408-9645
		Black (Right Angle)	900 µm and 250 µm Fibers, 2.4 mm & 3.0 mm Cable	5502674-1	—	408-9645

Note: All part numbers are RoHS compliant.

ST Connectors — Epoxy Type (Continued)

Polymer Composite

Multimode Polymer Composite

Performance Characteristics

Insertion Loss — 0.3 dB Typical

Durability — 500 Cycles

Crimp Tool — Part Number 58433-4

Instruction Sheet — 408-9971

<http://www.tycoelectronics.com/documents>

Materials

Ferrule — Composite Polymer

Body — Polymer

Coupling Nut — Polymer



Multimode ST Connector Kits — Polymer Ferrule

Body	Coupling Nut	Boot Color	Used With	Individual Pack Part Number	Bulk Pack Part Number
Polymer	Polymer	Black (Buffer)/ Black (Short)	900 µm and 250 µm Fibers, 3.0 mm Cable	5503415-1	—
		Black (Short)	3.0 mm Cable	—	503424-3

Stainless Steel

Multimode Stainless Steel

Performance Characteristics

Insertion Loss — 0.3 dB Typical

Operating Temp. Range —
-30°C to +70°C

Durability — 500 cycles

Crimp Tool — Part Number 58551-1

Instruction Sheet — 408-4151

<http://www.tycoelectronics.com/documents>

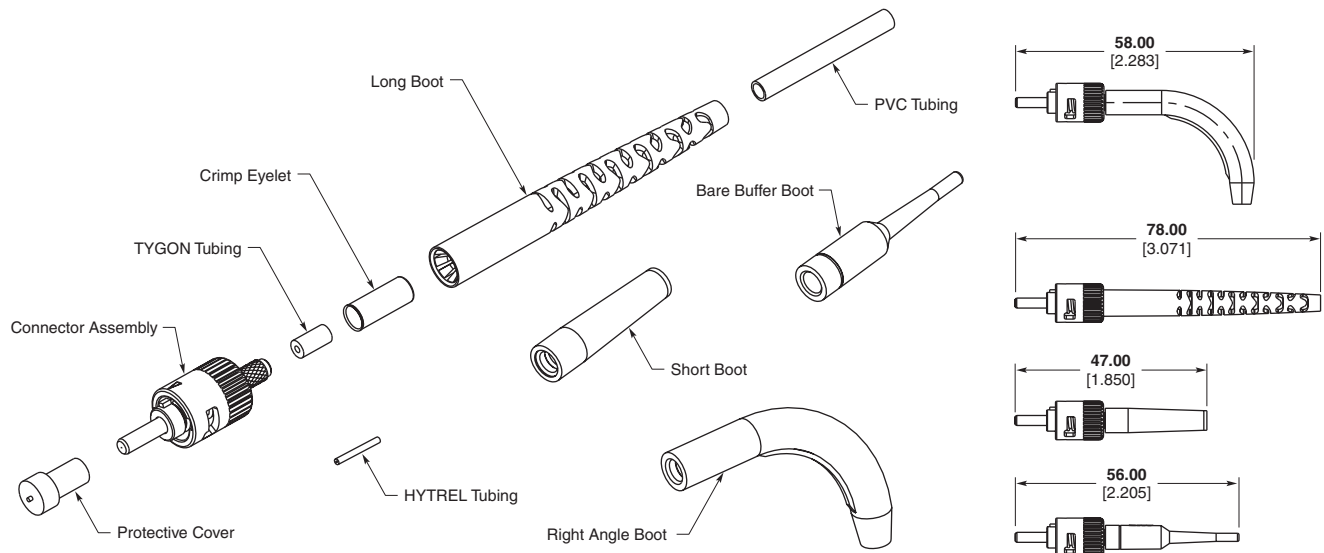


Multimode ST Connector Kits — Stainless Steel Ferrule

Body	Ferrule Designation	Boot Color	Used With	Part Number
Stainless Steel	125	Black (Bend Limiting)	3.0 mm Cable	5504008-3
		Black (Long)	4.3 mm Cable	5504008-4
	140	Black (Bend Limiting)	3.0 mm Cable	5504008-7
	231	Black (Bend Limiting)	3.0 mm Cable	1-5504008-4
	240	Black (Bend Limiting)	3.0 mm Cable	1-5504008-3
	280	Black (Short)	3.0 mm Cable	4-5504008-6

Note: All part numbers are RoHS compliant.

ST Connectors — Epoxy Type (Continued)



ST Connector Component Selection Chart (Bulk Packaged)

Fiber Type	Connector Sub-Assembly	Cable Size	Crimp Eyelet	Tubing	Strain Relief Part Number*
Singlemode - Ceramic Ferrule Metal Body, Metal Nut	5502578-2	1.6-2.0 mm	501971-3	5501275-2	503219-X
		2.4 mm	501971-3	5501275-1	502128-X
		2.4 mm	501971-3	5501275-1	501457-X
		3.0 mm	501971-3	—	502128-X
		3.0 mm	501971-3	—	501457-X
		900 µm	501971-3	502179-7	5503628-X
Multimode - Ceramic Ferrule Metal Body, Metal Nut	5492458-5	1.6-2.0 mm	501971-3	5501275-2	503219-X
		2.4 mm	501971-3	5501275-1	502128-X
		2.4 mm	501971-3	5501275-1	501457-X
		3.0 mm	501971-3	—	502128-X
		3.0 mm	501971-3	—	501457-X
		900 µm	501971-3	502179-7	5503628-X
Multimode - Ceramic Ferrule Metal Body, Polymer Nut	5501458-8	1.6-2.0 mm	501971-3	5501275-2	503219-X
		2.4 mm	501971-3	5501275-1	502128-X
		2.4 mm	501971-3	5501275-1	501457-X
		3.0 mm	501971-3	—	502128-X
		3.0 mm	501971-3	—	501457-X
		900 µm	501971-3	502179-7	5503628-X
Multimode - Ceramic Ferrule Polymer Body, Metal Nut	503676-5	1.6-2.0 mm	501971-3	5501275-2	503219-X
		2.4 mm	501971-3	5501275-1	502128-X
		2.4 mm	501971-3	5501275-1	501457-X
		3.0 mm	501971-3	—	502128-X
		3.0 mm	501971-3	—	501457-X
		900 µm	501971-3	502179-7	5503628-X
Multimode - Ceramic Ferrule Polymer Body, Polymer Nut	503676-4	1.6-2.0 mm	501971-3	5501275-2	503219-X
		2.4 mm	501971-3	5501275-1	502128-X
		2.4 mm	501971-3	5501275-1	501457-X
		3.0 mm	501971-3	—	502128-X
		3.0 mm	501971-3	—	501457-X
		900 µm	501971-3	502179-7	5503628-X

* Strain relief dash number indicates color - see chart on page 63 for details.

TYGON is a trademark of Saint-Gobain Performance Plastics Corporation.
HYTREL is a trademark of E.I. du Pont de Nemours and Company.

Note: All part numbers are RoHS compliant.

ST Connectors — Epoxy Type (Continued)



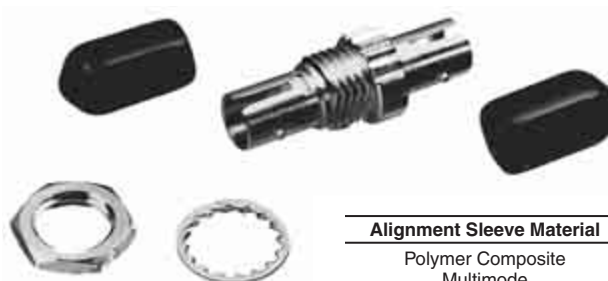
Strain Relief Bulk packages (100 pcs./package)

Color	Bend Limiting	Short (3.0 mm)	Right Angle	Buffer	Short (2.0 mm)	Bend Limiting (2.0 mm)
Black	502128-1	501457-1	5502667-1	5503628-1	503219-1	233454-4
Blue	502128-7	501457-5	5502667-2	—	—	233454-2
Beige	—	501457-4	—	1-5503628-9	503219-4	233454-6

Product Facts

- Free-hanging or panel mount design

ST Coupling Receptacles



Alignment Sleeve Material	Packaging	Part Number
Polymer Composite Multimode	Single	501381-1
	Bulk (1000)	501381-2
Metal Multimode	Single	504021-1
	Bulk (50)	504021-2
Zirconia Ceramic Singlemode	Single	502750-1
	Bulk (50)	502750-2

ST Polymer Duplex Receptacle



Alignment Sleeve Material	Color	Part Number
Metal/MM Only	Beige	504662-2
Metal/MM Only	Lt. Almond	504662-1

ST Active Device Mounts — Multimode

Product Facts

- Designed to accept multimode TO-18, TO-46 and TO-52 active devices
- Nickel plated, die cast zinc
- Mount to PCB or through panel
- Includes positioning ring



Description	Packaging	Height	Part Number
Standard height	Single	.410	5501474-1
Low profile	Single	.280	5502585-2
Low profile	Single (100)	.314	5504022-2
Low profile	Bulk (50)	.314	5504022-3

Note: All part numbers are RoHS compliant.

FC Connectors

Product Facts

- One-piece connector body:
 - Fastest assembly
- Compliant with:
 - JIS C-5970
- Pre-radiused ferrule

Instruction Sheet — 408-8674
<http://www.tycoelectronics.com/documents>



Singlemode FC Connector Kits - Polymer Crimp Body

Performance Characteristics

Insertion Loss — <0.2 dB Typical

Return Loss — <-59 dB Typical

Durability — 200 Cycles

Singlemode FC Connector Kits — Polymer Crimp Body

Boot Color	Used With	Individual Pack Part Number	Bulk Pack Part Number	Crimp Tool
Blue	3.0 mm Jacketed	5504649-1	5504649-8	503911-1
	2.4 mm Jacketed	5504914-2	—	492026-1
	2.0 mm Jacketed	5504915-2	—	492026-1
	900 µm Buffer	—	5492052-5	N/A

GR-326 Style FC Connector Kits - Metal Crimp Body Singlemode

Performance Characteristics

Insertion Loss — <0.2 dB Typical

Return Loss — <-59 dB Typical

Tested to GR-326

Tuning — 6 position

GR-326 Style Singlemode FC Connector Kits — Metal Crimp Body

Boot Color	Used With	Individual Pack Part Number	Bulk Pack Part Number	Crimp Tool
Blue	3.0 mm Jacketed	4-1918962-2	—	(1) 492131-1 (1) 58532-1
	2.4 mm Jacketed	6754264-5	6754264-6	1588176-1
	2.0 mm Jacketed	6754264-4	6754264-7	1588176-1
	900 µm Buffer	6754264-2	—	1588176-1



3.0 mm - GR-326 Style



3.0 mm Angled



900 µm Short



900 µm



GR-326 Style 900 µm

FC Strain Reliefs — Jacketed Cable

Description	GR-326 Style	Part Number			
		Color			
		Black	Red	Beige	Blue
3.0 mm	No	1-5503971-0	1-5503971-1	5503971-1	5503971-2
2.4 mm	No	1-5503971-2	1-5503971-3	5503971-3	5503971-4
2.0 mm	No	2-5503971-3	2-5503971-7	5503971-5	5503971-6
3.0 mm	Yes	—	—	—	1588491-2
1.6 mm - 2.4 mm	Yes	1588153-3	—	1588153-5	1588153-2

FC Strain Reliefs — Angled

Description		Part Number		
		Color		
		Black	Beige	Blue
3.0 mm	Simplex	1278705-3	1278705-2	1278705-1
2.0 mm	Simplex	1374737-3	1374737-2	1374737-1
2.0 mm	45° Simplex	6457543-4	6457543-1	6457543-2

FC Strain Reliefs — 900 micron

Description		Part Number		
		Color		
		Black	Beige	Blue
Long (33 mm) 900 µm		6457493-3	6457493-9	6457493-1
Short (10 mm) 900 µm		6278309-1	—	6278309-2
GR-326 Style 900 µm		1828184-2	1828184-4	1828184-1

Note: All part numbers are RoHS compliant.

FC Connectors (Continued)

FC Connector Component Selection Chart (bulk packaged)

Fiber Type	Simplex Connector Sub-Assembly	Cable Size	Crimp Eyelet w/ Heat Shrink	Crimp Eyelet	Strain Relief Part Number*
Singlemode - GR-326 Style	6754264-8	1.6-2.0 mm	6374150-1	—	1588153-X
		2.4 mm	6588189-1	—	1588153-X
	6457216-5	3.0 mm	—	504973-3	1588491-X
Singlemode Polymer Crimp Body	5504649-9	2.4 mm	—	503970-6	5503971-X
		3.0 mm	—	503970-3	5503971-X
		900 µm	—	—	6457493-X (long) 6278309-X (short)
Multimode - Ceramic Ferrule	6374778-2	1.6-2.0 mm	6374150-1	—	1588153-X
		2.4 mm	6588189-1	—	1588153-X
	5504922-3	3.0 mm	—	503970-3	5503971-2
		900 µm	—	—	6457493-9 (long) 6278309-1 (short)

* Strain relief dash number indicates color - see page 64 for details.

FC Adapters



FC Square Flange Adapter

FC Simplex Square Flange Adapter - Metal

Alignment Sleeve Material	Panel Cut-out	Keyway Slot (Nom.)	Part Numbers
Metal	Square Flange	Std. 2.33 mm	5501506-2
Ceramic	Square Flange	Std. 2.33 mm	5501506-1



FC 8 mm/9 mm Dia. Round

FC Simplex 8 mm/9 mm Dia. Round (D-Hole) Adapter - Metal

Alignment Sleeve Material	Panel Cut-out	Keyway Slot (Nom.)	Part Numbers
Metal (Copper)	D-Hole	Std. 2.33 mm	5504407-1
Ceramic	D-Hole	Std. 2.33 mm	5504407-3
Ceramic/APC	D-Hole	2.05 mm Type R	5504407-8
Ceramic/APC	D-Hole	Prec. 2.02 mm	5504407-7



FC 8 mm Dia. Round (Double D)

FC Simplex 8 mm Dia. Round (Double D-Hole) Adapter - Metal

Alignment Sleeve Material	Panel Cut-out	Keyway Slot (Nom.)	Part Numbers
Metal	Double D-Hole	Std. 2.33 mm	5504013-1

Note: All part numbers are RoHS compliant.

FC Connectors (Continued)

Hybrid Adapters - SC/FC/ST



FC to ST Simplex Adapter - Metal

Hybrid FC to ST Simplex Adapter - Metal

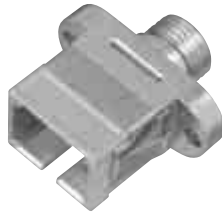
Alignment Sleeve Material	Housing Color	Part Numbers
Metal	Electroless Nickel	5503640-1
Ceramic	Electroless Nickel	5503640-2



SC to FC Simplex Adapter - Plastic

SC to FC Simplex Adapter - Plastic

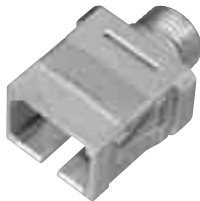
Alignment Sleeve Material	Housing Color	Part Numbers
Metal	Black	5502871-1
Ceramic	Blue	5502871-4



SC to FC Simplex Adapter - Metal

SC to FC Simplex Adapter - Metal

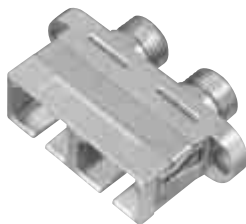
Alignment Sleeve Material	Housing Color	Part Numbers
Metal	Electroless Nickel	6278349-1
Ceramic	Electroless Nickel	6278349-3



Flangeless SC to FC Simplex Adapter - Metal

Flangeless Simplex Adapter - Metal

Alignment Sleeve Material	Housing Color	Part Numbers
Metal	Electroless Nickel	6278349-5
Ceramic	Electroless Nickel	6278349-7



SC to FC Duplex Adapter - Metal

SC to FC Duplex Adapter - Metal

Alignment Sleeve Material	Housing Color	Part Numbers
Metal	Electroless Nickel	6278050-1
Ceramic	Electroless Nickel	6278050-3

Note: All part numbers are RoHS compliant.