

SC Field termination connector

Description

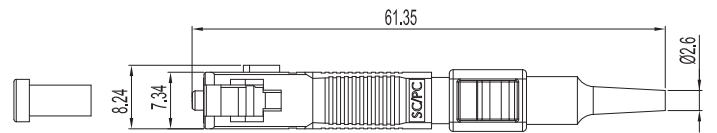
The connector is a revolutionary field installable optical fiber connector that requires no epoxy and no polishing. The unique design of the patented mechanical splice body incorporates a factory-mounted fiber stub and a pre-polished ceramic ferrule. This technology provides a fast, secure and reliable SC-compatible optical fiber termination for either multimode or singlemode cable.

Features

- Precision mechanical dimension
- Fast, easy to installation
- Low insertion loss
- Ultra low back reflection
- Conforms to IEC61754-4
- All materials conform to RoHS

Application

- Fiber connecting when FTTH project processing
- Used to restore and maintenance when fibercut
- Distribution in LAN area
- Suitable for connecting with optic splice closure, ODF, optical cross connection cabinet



Parameter

Item	Single-Mode	Parameter	Multi-Mode
Insertion Loss	≤ 0,5dB		≤ 0,3dB
Return Loss	≤ -50dB(PC) ≤ -60dB(APC)		≤ -25dB
Durability	0,25dB Max.		0,15dB Max.
Assembly Time		Nom. <90S	
Repeatable installation		> 10 Times	
Applicable Cable Dia		0,9mm, 2,0mm, 3,0mm	
Operating Temperature		-40°C ~ +85°C	
Storage Temperature		-40°C ~ +85°C	

Order Information

Art. Nr.	Description
EC02.220101.900	SC/SX-SM(9/125-G.652.D)/125um/ø0.9/Boot:blue/Holder:blue/pre-polished/New
EC02.220104.900	SC/SX-SM/APC(9/125-G.652.D)/125um/ø0.9/Boot:Green/Holder:Green/pre-polished
EC02.220110.900	SC/SX-SM(9/125-G.652.D)/125um/ø2.0/Boot:blue/Holder:blue/pre-polished
EC02.220113.900	SC/SX-SM/APC(9/125-G.652.D)/125um/ø2.0/Boot:Green/Holder:Green/pre-polished
EC02.220102.900	SC/SX-MM(62.5/125)/125um/ø0.9/Boot:Beige/Holder:Beige/pre-polished
EC02.220102.901	SC/SX-MM(50/125)/125um/ø0.9/Boot:Beige/Holder:Beige/pre-polished
EC02.220102.902	SC/SX-MM(62.5/125)/125um/ø0.9/Boot:Beige/Holder:Beige/pre-polished/New
EC02.220102.903	SC/SX-MM(50/125)/125um/ø0.9/Boot:Beige/Holder:Beige/pre-polished/New
EC02.220108.900	SC/SX-MM(OM3)/125um/ø0.9/Boot:Aqua/Holder:Aqua/pre-polished/New
EC02.220111.900	SC/SX-MM(62.5/125)/125um/ø2.0/Boot:Beige/Holder:Beige/pre-polished
EC02.220111.901	SC/SX-MM(50/125)/125um/ø2.0/Boot:Beige/Holder:Beige/pre-polished
EC02.220117.900	SC/SX-MM(OM3)/125um/ø2.0/Boot:Aqua/Holder:Aqua/pre-polished
EC02.220131.900	SC/SX-MM(50/125)/125um/ø3.0/Boot:Beige/Holder:Beige/pre-polished

SC Field installation connector tool kit

Description

- The SC Quick Assembly Connector Installation Tool Kit provides a collection of various tools needed for all tasks associated with the installation, maintenance and termination of fiber optic cable.

- The case is lined with a soft foam-padding material in order to keep the well designed tools safe, neat and in proper working order.

- Easily carrying with different tool kit combinations according to customer's request.



Tool Kit for 0,9 mm/2,0 mm/3,0 mm Quick Assembly Connector

P/N	Tools	Function		Quantity	Unit
		A1 Edition	A2 Edition		
EC11.030000.002 (A1) EC11.030000.003 (A2)	Fiber Carver	Fiber Cutting, Module No.: FC-7R-S	Fiber Cutting, Module No.: FC-6S	1	pc
EC11.030000.000	Installation Fixture	Fix the Connector during assembly		1	pc
EC11.030000.004	Fiber & Jacket Strippers	Remove the coating of fiber & Remove the cable jacket (Tri-Hole Fiber Optic Stripper HT-144H)		1	pc
EC11.030000.005	Alcohol bottle	Fill the alcohol		1	pc
EC11.030000.006	Wipe paper	Clean the fiber		1	box
EC11.030000.007	Match gel	Reducing the loss caused by Fresnel reflection between fiber surface and air		1	bottle
EC11.030000.011	Kevlar Scissors	Cut the kevlar		1	pc
EC11.030000.012	Crimp Tool	Crimp the kevlar and jacket for 2,0mm/3,00mm connectors		1	pc
EC11.030000.008	Jacket Cutter	Cut the cable		1	pc
EC11.030000.009	Installation Pouch	Fill the tools		1	pc
EC11.030000.010	Marker	Make marker on the fiber		1	pc

Tool Kit for 0,9 mm Quick Assembly Connector

P/N	Tools	Function		Quantity	Unit
		B1 Edition	B2 Edition		
EC11.030000.002 (B1) EC11.030000.003 (B2)	Fiber Carver	Fiber Cutting, Module No.: FC-7R-S	Fiber Cutting, Module No.: FC-6S	1	pc
EC11.030000.000	Installation Fixture	Fix the Connector during assembly		1	pc
EC11.030000.004	Fiber & Jacket Strippers	Remove the coating of fiber & Remove the cable jacket (Tri-Hole Fiber Optic Stripper HT-144H)		1	pc
EC11.030000.005	Alcohol bottle	Fill the alcohol		1	pc
EC11.030000.006	Wipe paper	Clean the fiber		1	box
EC11.030000.007	Match gel	Reducing the loss caused by Fresnel reflection between fiber surface and air		1	bottle
EC11.030000.008	Jacket Cutter	Cut the cable		1	pc
EC11.030000.009	Installation Pouch	Fill the tools		1	pc
EC11.030000.010	Marker	Make marker on the fiber		1	pc

Order Information

P/N	Description
EC11.030101.000	SC Quick Assembly Connector field installation tool Kit-A1
EC11.030102.000	SC Quick Assembly Connector field installation tool Kit-A2
EC11.030103.000	SC Quick Assembly Connector field installation tool Kit-B1
EC11.030104.000	SC Quick Assembly Connector field installation tool Kit-B2