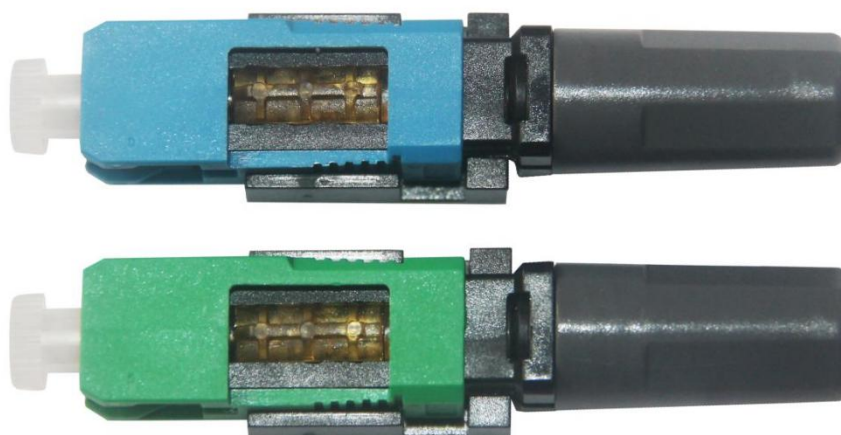


3.0MM SC Universal Fiber Optic Field-Installable Connector

- For FTTx Solution



Product Description

The ARTIC has Field Assembly Optical Connector is designed for fast and simple field termination of single fiber, without polishing or epoxy. The Connector is made with precision and high quality Zirconia ferrules and provides a highly reliable connection in most of the network application. This SC type is available with 3.0mm round drop cable.



Keyed Characteristics

- 1) Comply with TIA/EIA and IEC;
- 2) Quick and easy fiber termination;
- 3) RoHS compliant;
- 4) Reusable termination capability [Up to 10 times];
- 5) Easy to deploy fiber solution;
- 6) High success rate of connections;
- 7) Low Insertion & Back Reflection;
- 8) No special tools required.

Application

- 1) All fiber interconnection;
- 2) Telecom Distribution and Local Area Networks;
- 3) FTTH and FTTx;
- 4) Passive optical networks [ATM, WDM, Ethernet];
- 5) Broadband, Cable TV (CATV).

Technical Parameter

Category	Specification	
Applicable for	Φ3.0mm Round Drop Cable	
Fiber mode	9/125μm Single-mode	
Polish Type	APC/UPC	
Dimension	51.45mm	
Housing	Green and Blue	
Ferrule Material	Ceramic (Zirconia)	
Operation Time	S	About 50 (no fiber cut)
Insertion Loss (Typ.)	dB	≤ 0.25
Insertion Loss (Max.)	dB	≤ 0.40
Return Loss	dB	≥ 45.0
Fastening Strength of Naked Fiber	N	≥ 5
Tensile Strength	N	≥ 50
Reusable	Time	≥ 10 times
Operating Temperature	°C	-40 ~ +75
On-line tensile strength (20N)	dB	ΔIL ≤ 0.3
Mechanical Durability (500 times)	dB	ΔIL ≤ 0.3
Drop-off test (drop-off height 4m, once per direction, totally 3 times)	dB	ΔIL ≤ 0.3
Conformance	TIA/EIA 604-3	

Accessories Package (Not included)

Fiber Cleaver



FTTH Cable Stripper



Cable Stripper



Alcohol



Gauze



Marker



Scissors

Packing Details for Reference (or Meet Customized Standard)

Blister Box Packing - Usage Instruction Included

	Size (mm)	150*90
	QTY (PCS/Bag)	10
	Net Weight (KG/PCS)	0.003

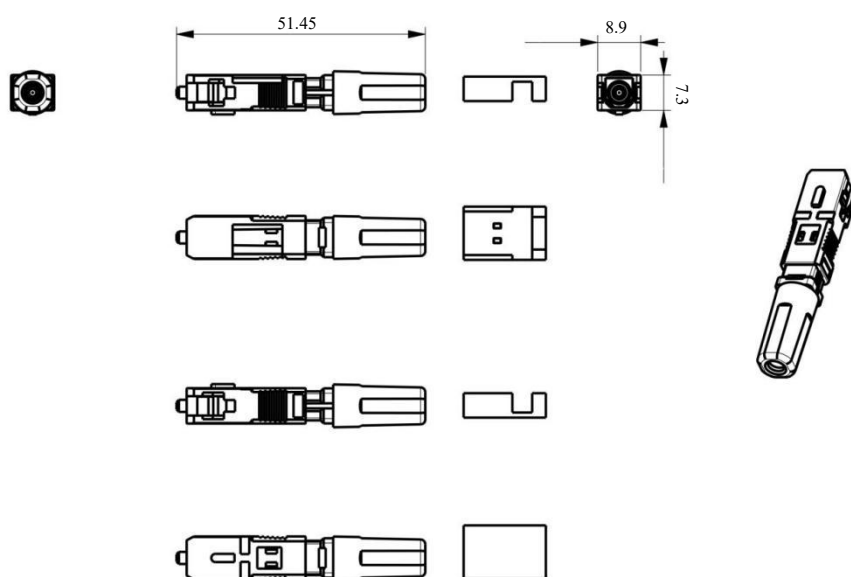
Outer Packing

		QTY (Inner Box)	QTY (Outer Carton)
	Size (mm)	230*150*100	500*340*250
	Packed QTY	200	2000
	N.W (KG/Box/Carton)	0.85	10
	G.W (KG/Box/Carton)	0.9	10.3

Our Factory



Dimension (mm)



Application - FTTH Solution

