Field-Installable Connector

Data Sheet

YNSS-APC8561

Field-Installable Connector for 3.0mm Round Cable

■ Products Description

This kind of 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. The SC type is available with 250/900um buffed fiber, 2.0mm,1.6mm x 2.0mm, 2.0mm x 3.0mm and 3.0mm jacket cable. The universal type connector is also available, which is suitable for all of the 250/900um, 2mm and 3mm, 2.0mm x 3.0mm cable diameter.

■ Features / Benefits

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

■ Applications

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

APC Green

Field-Installable Connector

Data Sheet

■ Specifications

Category	Specification	
Applicable for	Φ3.0mm Indoor Round Cable	
Fiber mode	9/125μm Singlemode	
Polish Type	APC	
Dimension	56mm	
Housing	Green PC Plastic	
Ferrule Material	Ceramic(Zirconia)	
Operation time	S	About 50(no fiber cut)
Insertion Loss	dB	≤ 0.50
Insertion Loss Typical value	dB	≤ 0.30
Return Loss	dB	≥ 45.0
Fastening strength of naked fiber	N	≥ 5
Tensile strength	N	≥ 50
Reusable	Time	≥ 10 times
Operating Temperature	℃	-40 ~ +75
On-line tensile strength (20N)	dB	ΔIL≤ 0.3
Mechanical durability (500 times)	dB	ΔIL≤ 0.3
Drop-off test (drop-off height4m,once per direction,totally 3 times)	dB	ΔIL≤ 0.3
Conformance	TIA/EIA 604-3	

■ Accessories Package

Fiber Cleaver

Pixian Stripping

Cable Holder

Wire Stripper

■ Packing Details for Reference (or Meet Customized Standard)

Blister Box Packing

	Size (CM)	8*6
	QTY (PCS/PE Bag)	5
	Net Weight (KG/PCS)	0.007

Outer Packing

	Size (CM)	49X32X32.5	49X32X17
	QTY (Gift Box/Box)	200	100
	QTY (Pcs/Box)	2000	1000
	N.W (KG/Box)	6.8	3.4
	G.W (KG/Box)	12	6.5