NOA NETWORK

RoHS compliant

Quick Connector

NOA2090-STFC-SC/APC

SOLE MANUFACTUREROF HIGH CLASS DATA CENTER INFRASTRUCTURE

NOA NETWORKS
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Certificados en ISO 9001:2015

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SC/APC 3.0mm Single Mode Pre-Polished Ferrule Field Assembly Connector

The noa network quick connectors are factory polished, eliminating the need for any polishing materials, allowing for the preparation and termination of optical fibers in a fraction of the time of other conventional methods. The connector also utilizes V-groove mechanical splice principles and therefore the use of epoxy is not required for the connector termination.

Eastquick connectorIt offers ease of assembly and great stability. It allows a simple connection of the optical core without additional practices or adhesives. Does not require a workspace when connecting in challenging environments such as a telephone pole and sewer. Reconnects cables and reduces connection failure rate due to field installer error.

SC type mountingquick connectorrequires only normal fiber preparation tools: a fiber stripping tool, wipes, and a fiber cutter. No electrical power supply is needed. Simply strip the buffer, cut and clean the fiber, and then insert the fiber into the quick connector. Installation takes just a few minutes and couldn't be easier.

The quick connector is already a popular solution for optical cabling inside buildings and apartments forLANand CCTV applications and with the expansion ofFTTH, is already proving to be the connector of choice for licensees, municipalities, public services and alternative operators. Our series of field mountable optical connectors is now available in SC,LC, or FC variants, for 250um to 900um, and 2.0mm, 3.0mm diameter, mono fiber typesmodeYmultimode, including 62.5/125um multimode and 50/125um multimode. Singlemode versions are available with SPC ferrules orAPC.

Applications:

Fiber Optic Communication System and Telecommunications Networks

Fiber optic data transmission

cable television network

Optical access network for fiber to the subscriber (FTTX) applications

Optical cable interconnection, maintenance or emergency restoration of fiber networks

Fiber optic equipment repair/replacement requirements

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Characteristic:

1. Wearable FTTH project

2. Field installable

3. Insertion loss less than 0.3 dB Max. 0.5dB

4. V-shaped metal cavity works well in high and low temperatures

5. Less than 1 minute installation

6. Reliable and superior optical performance

7. Cable pull test complies with Telcordia GR-326-CORE

parameters	specs	
connector type	SC/LC/FC	
Dimension	50mm	
cable diameters	0.9/2.0/3.0mm	
fiber mode	SM/MM	
End face grinding	UPC/APC	
insertion loss	CPU	APC
	≤0.5dB	≤0.5dB
return loss	CPU	APC
	≥45dB	≥50dB
stress test	≥100N	
Operating temperature	-40℃~+75℃	

Quality certification:

Good anti electromagnetic interference (EMI)

Good electromagnetic compatibility (EMC) compliant with FCC Part 15.

Complies with ISO9001, TUV, CE, FCC, CAS, UL and RoHS certificates

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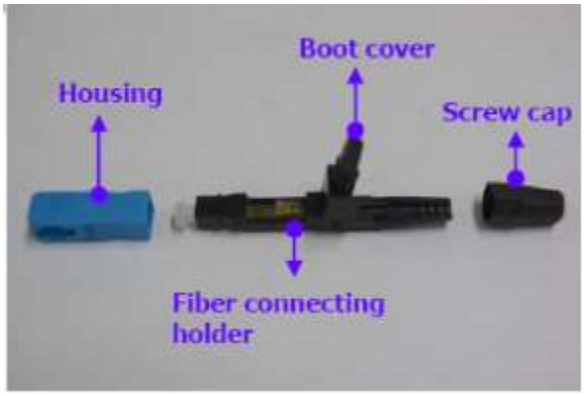
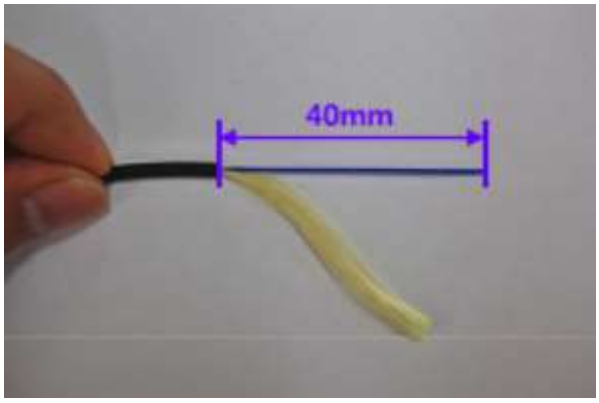
SC quick connector installation

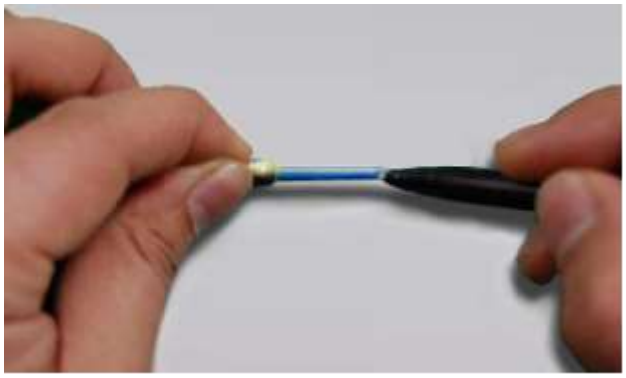


1. Prepare all the components.

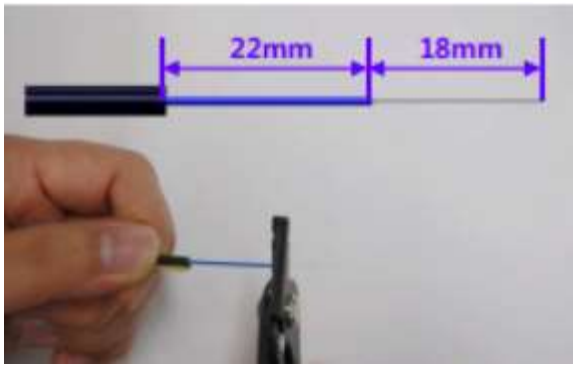
2. Insert the screw cap onto the optical cable.



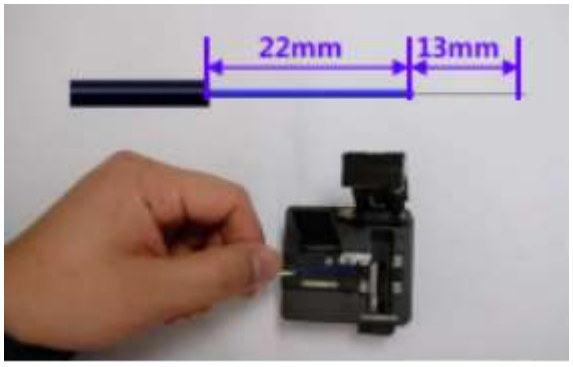
3. Strip the coating of the optical cable more than 40mm.



4.Mark the 22mm long point on the 900 buffer㎛ using a ruler in the polythene bag.



5. Strip coating from 900 250㎛from the end of 900㎛to the 22mm point marked approximately 18mm and clean the fiber with alcohol and a gauze pad.



6. Cut the fiber to a length of 13mm with a fiber optic cutter

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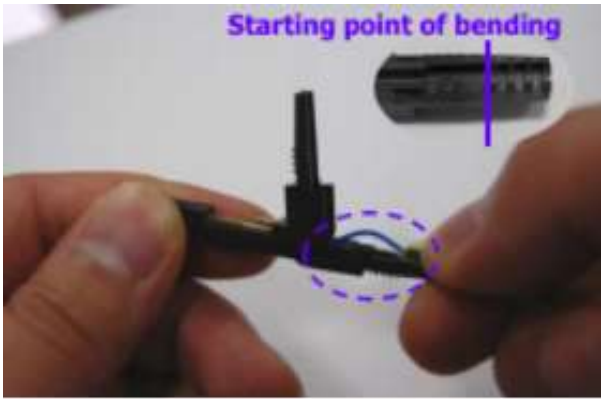
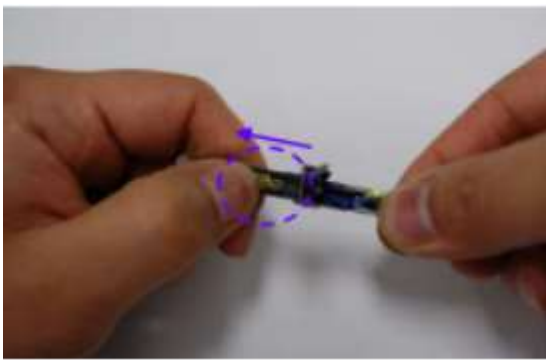


7. Insert the optical cable into the fiber guide of the sheath. When the cable bending is checked as above, stop inserting.

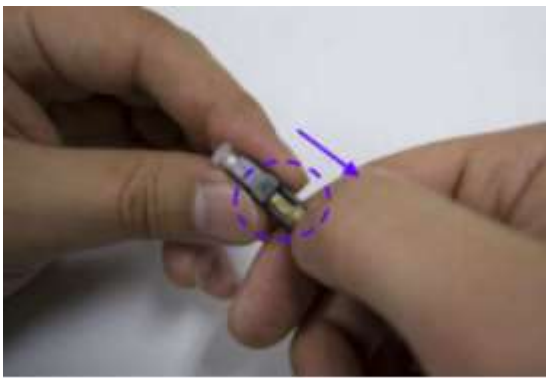


8. And keeping the bending of the cable with your right hand, push the patch bracket forward to the end and fix the fiber.

9. Take the boot cover down, connect the screw cap with the boot by twisting it, and make the liner and strength member fixed.

10. Flip the housing ledge down and attach it to the body.

A. Take out the casing and then separate it by turning the screw cap



B. Pull out the fiber drop bracket in reverse with procedure 8. And then pull out the cable and reassemble it.

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