

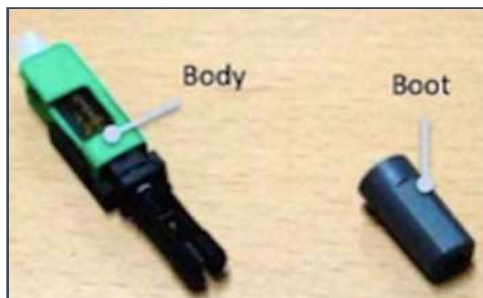
F.O. FIELD CONNECTOR SC APC

Romatecsans Fibre Optic Field Installable Connectors are manufactured under the telecommunications quality standards. All the parts are made from Ultem material to withstand high temperature and external shocks. Complies with IEC, EIA/TIA and Telecordia standards.



	Singlemode (APC)
SC Standard	TIA/EIA 604-3
Insertion Loss	Typical $\leq 0.2\text{dB}$ / < Max. $< 0.5\text{dB}$
Return Loss	Typical $\geq 65\text{dB}$ / Min. $> 60\text{dB}$
Operating Temperature (°C)	-45 to +85
Endurande	1000 times reconnection / $\pm 0.1\text{dB}$
Tension	3mm, 2mm, 1.6mm (3kg / $\leq 0.2\text{dB}$ change) 250um & 900um (0.75kg / $\leq 0.3\text{dB}$ change)
Traction cable	1.6mm $\leq 0.20\text{dB}$ @ 40N 2.0mm $\leq 0.20\text{dB}$ @ 80N
Humidity stability	$< 0,2\text{dB}$ @ +60C @ 95%
End Face Geometry (Based on GR-326) APC	
Ferrule Endface Radius (mm)	5 ~ 12
Fiber Undercut (nm)	Less than 100
Fiber Protrusion (nm)	Less than 100
Apex Offset (um)	Less than 50

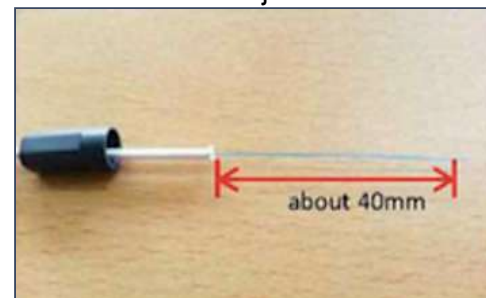
Installation Manual



Insert boot to the Cable

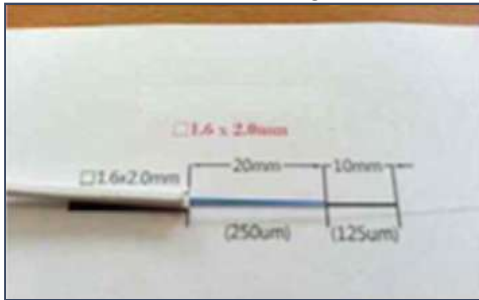


Remove the outer jacket 40mm

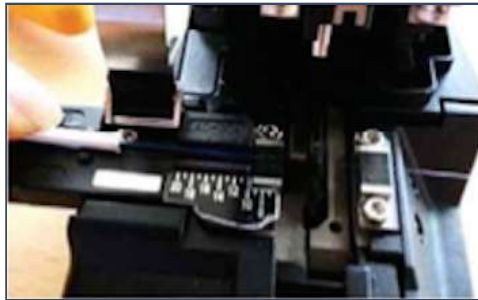


TECHNICAL SPECIFICATION

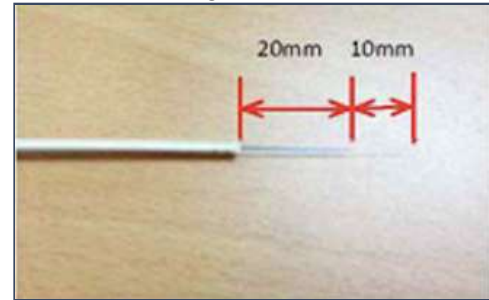
Strip out the UV coating after 2cm



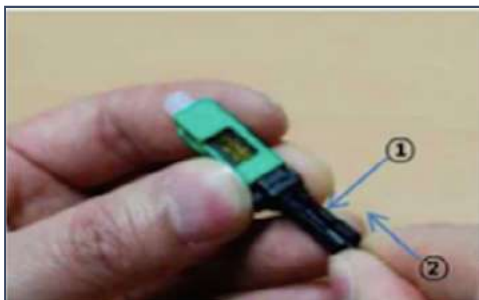
Cut the fiber with a cleaver



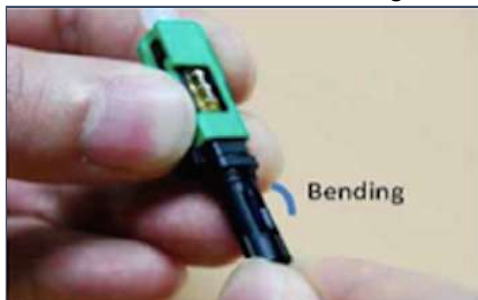
Check the length of fiber



Insert the fiber to the connector



Make sure the fiber is bending



Remove the connector cover



Press the button (Yellow cover)



Lock the boot



Connector ready to be use



ORDERING INFORMATION

Product		Connector	Polishing		Diameter	
FIC	Field Installable Connector	SC	A	APC	A	250um
			U	UPC	B	900um
					C	2mm
					D	3mm

ORDERING INFORMATION EXAMPLE

FIC	SC	A	C
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Configuration: Fiber Optic Field Installable Connector SC APC 2mm

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