

Field Assembly Optical Connector

SC Folder Boot

DESCRIPTION

KOC's SC Folder type Field Assembly Optical Connector(FAOC) is designed to manage secure on site fiber connections with unique V-Groove technology and 3-way cable locking system.

Accommodating 3.0mm x 2.0mm Cable

Intermateability TIA/EIA 604-3 (IEC 61754-4)

EU regulation: RoHS

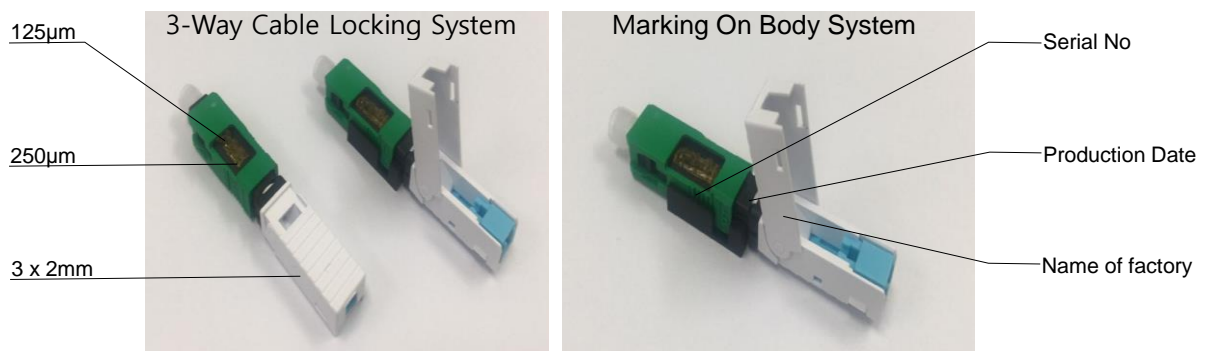
Re-Assembling: ≥ 10 Times

Operation Temperature: -10°C to $+65^{\circ}\text{C}$

Relative humidity: $<95\%$ RH

Installation Time: Approx. 90sec

No screw tightening boot



Classification	Length	Cable Size	Part Number	Color	
				Body	Folder
SC Folder Boot	56mm	2x3mm	FAOC-SC/UPC-SM-F(56)-2030	Blue	White
			FAOC-SC/APC-SM-F(56)-2030	Green	White
Item				APC	UPC
Material				Zirconia Ceramic	
Cleave angle				8deg	0deg
End-face geometry	Radius of curvature		5 ~ 12 mm	5 ~ 25 mm	
	Apex offset		$< 50 \mu\text{m}$		
	Height of fiber with ferrule surface		$-50 \sim +50 \text{ (nm)}$		
Insertion Loss				Typical $\leq 0.3\text{dB}$	
Return Loss				$\geq 55\text{dB}$	$\geq 50\text{dB}$
Cable tension straight pull (10N)				$\leq 0.5 \text{ dB increase}$	
Allowable tensile strength				$\geq 30\text{N}$	
Allowable connector mating				$\geq 500 \text{ times}$	
Connector durability				$\leq 0.2 \text{ dB after 500 matings}$	
Allowable number of times for re-assembly				Max. 10	



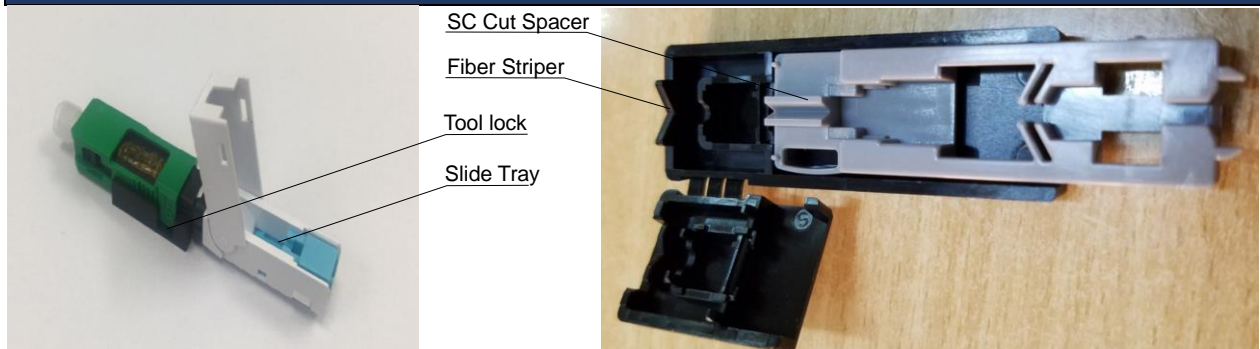
Field Assembly Optical Connector

SC Folder Boot

USER GUIDE

Fiber/Cable	Size (mm)	SC					
		SC Hard Boot			SC Soft Boot 44	SC Folder Boot 56	SC Universal 51
		50	51	56			
Bare Fiber	0.25	○			○		○
Indoor Cable	0.9	○			○		○
	2.0		○				○
	3.0		○	○			○
FTTH Drop Cable	3.0		○	○			○
	2.0 x 3.0		○			○	○

Accessories



ORDERING INFORMATION

