

### F.O. FIELD CONNECTOR LC

Romatecsans Fiber Optic Field Installable Connectors are manufactured under the telecommunications quality standards. Our LC FIC is a pre-polish and pre-assembled connector that holds a fiber in place and can be installed within 2 minutes.



	PC / APC
LC Standard	TIA/EIA 604-10
Insertion Loss	Typical 0.3dB / Max. 0.5dB
Return Loss	Typ. 50dB / Max. 55dB (PC), Typ. 55dB / Max. 60dB
Operating Temperature (°C)	21 times / -40 ~ +75 (≤ 0.3dB)
Endurance	500 times reconnection / ≤ 0.3dB
Tension	3kg : ≤ 0.2dB change

End Face Geometry (Based on GR-326)	PC	APC
Ferrule Endface Radius (mm)	7 ~ 25	5 ~ 12
Fiber Undercut (nm)	Less than 100	Less than 100
Fiber Protrusion (nm)	Less than 100	Less than 100
Apex Offset (um)	Less than 50	Less than 50

\* Interferometer measuring equipment: CC6000 / Norland, ACCIS NC-3000 / Norland

ORDERING INFORMATION						
Product		Connector	Polishing		Diameter	
<b>FIC</b>	Field Installable Connector	<b>LC</b>	<b>A</b>	APC	<b>A</b>	250um
			<b>U</b>	UPC	<b>B</b>	900um
					<b>C</b>	2mm
					<b>D</b>	3mm

ORDERING INFORMATION EXAMPLE			
<b>FIC</b>	<b>LC</b>	<b>A</b>	<b>C</b>

Configuration: Fiber Optic Field Installable Connector LC APC 2mm