

SOCF – QUICK-CURE™

Splice On Connector – F type

Description:

The OPTOKON Splice On Connector SOCF introduces a field installable connector for use in field conditions. The SOCF is based on fusion splicing technology, the connector is splice the end of the fiber. The factory prepolished ferrule eliminates the need for polishing, adhesives, index matching gels, and crimping in the field. Using a fusion splicer to terminate the connector in the field provides a very reliable connection and minimizes the potential for operator error and expensive connector scrap. In comparison with other field installable connectors technology the spliced SOCF ensures high Return Loss parameter, which practically depends on factory APC and UPC polishing process.



SOCF – Splice On Connector

Features:

- Factory prepolished ferrule
- Field installable in less than 3 minutes
- No adhesives, crimping, mechanical splices, index matching gels, or polishing
- High APC performance
- SM Compliant to Telcordia GR-326
- MM compliant to TIA/EIA-568C.3
- Eliminates the need for splice trays and splice panels

Application:

- FTTH - Fiber To The Home projects
- CATV networks
- Access and Data networks
- Data center installations
- Fiber To The Desk (FTTD)

Specification:

Connector Types	SC, LC, FC, ST
Polishing technology	PC (Multimode), UPC (Single mode), and APC (Single mode}
Fiber Types	Single mode, Multimode 62.5 and 50 μm OM2, OM3, and OM4 Fiber
Fiber Type	900 μm tight buffered fiber
Insertion Loss	SM: 0.15 dB (typ.) / 0.3 dB max.) MM 0.10 dB (typ.) / 0.3 dB max.)
Return Loss	SM: ≥ 60 dB (APC) ≥ 50 dB (UPC) MM: ≥ 35 dB (PC)
Operating temperature	-40°C to +75°C

Ordering code:

SOCF-YXX		XXX	09S	
Y - polishing style		XX - fiber type		XXX - boot type
	PC (MM)	S7A1	G.657A1	09S fiber Ø 0.9 mm
U	Ultra PC	OM1	62.5/125 µm	
N	Angle PC	OM2	50/125 µm	
XX - connector type		OM3	50/125 µm	
SC	SC			
LC	LC			
PC	FC			
SL	ST			

Available types:



SOCF-USC-S7A1-09S



SOCF-ULC-S7A1-09S



SOCF-UPC-S7A1-09S



SOCF-USL-S7A1-09S