Splice On Connector (SOC)

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Variants

SC APC SC UPC

Details

Splice-On Connector (SOC)

The Splice-On Connector (SOC) is a fusion-splice type fiber optic connector designed for fast, low-loss, and reliable field termination. It combines the stability of factory-polished connectors with the performance of fusion splicing, making it ideal for FTTH, telecom, and enterprise fiber installations.

Product Specifications

Category	Specification
Product Type	Splice-On Connector (SOC)
Connector Type	SC / LC / FC (Optional)
Fiber Type	Single Mode / Multimode
Cable Compatibility	0.9 mm / 2.0 mm / 3.0 mm / FTTH Drop Cable
Installation Method	Fusion Splicing (splice inside connector)
Insertion Loss	Average ? 0.3 dB, Max ? 0.5 dB
Return Loss	? 45 dB
Repeatability	? 0.3 dB (500 mating cycles)
Tensile Strength	? 50 N

Category	Specification
Operating Temperature	-20°C to +75°C
Storage Temperature	-40°C to +85°C
Protection	Built-in splice protection (no extra sleeve required)

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