

QUICK-CURE™

Quick installable connectors

Description:

QUICK-CURE™ introduces a new type of optical connector for use in field conditions. The pre polished connector (SC, LC type) is designed for optical fiber termination especially in FTTH projects, directly in the end user site. Using the tool kit containing all necessary tools, it allows easy optical network installation. Termination with no epoxy, no heating, no polishing and no splicing achieves similar excellent transmission parameters as standard polishing and splicing technology.

Connector set for various fiber and cable diameter is available.

QUICK-CURE™ helps you save time when working in the field.



Features:

- FTTH project usable
- Field installable, quick assembly time
- Cost effective, User friendly
- No electricity required No epoxy and polishing required;
- Precision mechanical alignment insures low insertion loss;
- Users proven, molded v-groove technologies;

Specifications:

PARAMETER	
Fiber type	Single mode, G.652D & G.657A1 (typical/maximal)
Insertion Loss ¹	0.3 dB / 0.50 dB
Return Loss ²	≥ 45 dB (UPC) / ≥ 60 dB (APC)
Polishing type	UPC / APC
Reusable	≥ 5 times
Fastening strength of bare fiber	≥ 5 N
Tensile strength	≥ 50 N
On-line tensile strength (20 N) ΔIL ≤ 0.3 dB	ΔIL ≤ 0.3 dB
Mechanical durability (500 times)	ΔIL ≤ 0.3 dB
Drop-off test (drop-off height 4 m, once per direction, totally 3 times)	ΔIL ≤ 0.3 dB
Operational temperature	-30 °C to 75 °C
Connection method	Push – On

Note: 1) Installation by trained staff

2) APC ≥ 60 dB (room temperature), ≥ 35 dB (temperature -40 to +70 °C)

Application:

- FTTH – PON, LAN, WAN

Ordering code:

XXX-QF		-	XX	-	XX
XXX - Connector			Fiber type		Boot type
SC	SC/PC (MM)		OM1 MM 62.5/125 μ m		09 fiber \varnothing 0.9 mm
USC	SC/PC (SM)		OM2-4 MM 50/125 μ m		30 cable \varnothing 3.0 mm
NSC	SC/APC (SM)		SM G.652D & 657A1		
LC	LC/PC (MM)				
ULC	LC/PC (SM)				
NLC	LC/APC (SM)				

SC connector



SC - 0.9/3.0 fiber-cable

LC connector



LC - 0.9 fiber



LC - 3.0 cable

QUICK-CURE™ tool kit content OSK-QCF-100:

- Assembly manual
- Tools and Consumables

Hard carrying case



Fiber cleaver OCL-100



Cable jacket stripper (3 mm, 2.4 mm)



Lint-free tissue



Universal Miller stripper (0.9 mm, 250 μ m)



Kevlar cutter



Isopropyl alcohol



Marking pen

