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:

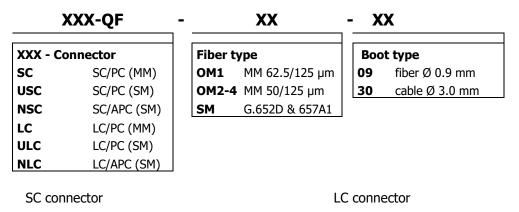| PARAMETER	
Fiber type	Single mode, G.652D & G.657A1 (typical/maximal)
Insertion Loss[1]	0.3 dB / 0.50 dB
Return Loss[2]	≥ 45 dB (UPC) / ≥ 60 dB (APC)
Polishing type	UPC / APC
Reusable	≥ 5 times
Fastening strength of bare fiber	≥ 5 N
Tensile strength	≥ 50 N
On-line tensile strength (20 N) ΔIL ≤ 0.3 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
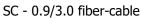2) APC ≥ 60 dB (room temperature), ≥ 35 dB (temperature -40 to +70 °C)

Application:

- FTTH – PON, LAN, WAN

Ordering code:

| XXX-QF | - | XX | - | XX |

XXX - Connector	
SC	SC/PC (MM)
USC	SC/PC (SM)
NSC	SC/APC (SM)
LC	LC/PC (MM)
ULC	LC/PC (SM)
NLC	LC/APC (SM)

Fiber type	
OM1	MM 62.5/125 µm
OM2-4	MM 50/125 µm
SM	G.652D & 657A1

Boot type	
09	fiber Ø 0.9 mm
30	cable Ø 3.0 mm

SC connector

LC connector

SC - 0.9/3.0 fiber-cable

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
µm)

Kevlar cutter

Isopropyl alcohol

Marking pen