OMK-SR-MCS
Mini cable splice tool kit

Description:

The OPTOKON OMK-SR-MCS Mini cable splice tool kit offers all necessary tools and components for field usable, quick repairs of tactical cables in the toughest of environments. Utilizing the proven mechanical splice in both singlemode and multimode applications, there is no need for power, heat or complicated termination procedures. Based on standard mechanical splice technology of the MCS-04, the tool kit provides low loss fiber jointing in just a few minutes.

Cable retention and tie off is achieved through the aramid yarn and IP 67 guaranteed in the same way as military connectors. With small dimensions the Mini Cable Splice provides a permanent join of military tactical cables up to 4 fibers.

Purchased with all the tooling and consumables necessary to carry out the operation, the kit comes complete with splice unit, ready for use in a rugged field usable carry case. Splice unit, spares and consumables are then replaced and replenished at a low cost whenever necessary.

MCS-04

Features:

- Harsh environmental use
- Proven mechanical splice technology
- 1 to 4 fiber Multimode or Singlemode
- Fully field repairable

Applications:

- Military Communications
- Internal support structures
- Broadcast

Benefits

- Small diameter and Length
- Lightweight and compact
- Low Cost, permanent repair
- Standard mechanical splice

Available MCS types:

MCS-04   4 fibers optical cables
MCS-02   2 fibers optical cables

Dimensions:

OMK-SR-MCS tool kit:

Material:
Case: Copolymer Polypropylene Structural
Latches: ABS
O' Ring: Neoprene Sponge
Pins: Stainless Steel
Purge Valve: ABS with Gore-Tex Membrane
Foam: Polyester

Standard:
MIL STANDARD MIL-C-4150J
IP67 in accordance EN60529/91 & IEC60529/68
Air Transportation Association Spec. 300

Case Peli 1450
Dimension: 406 x 330 x 174 mm

Fiber cleaver DVP-105		Kevlar cutter (Lindstrom 8165)	
Blade cutter		Universal Miller stripper (0.9 mm, 250 µm)	
Marking pen			
Crimp tool MCS (hex 9,14)		Isopropyl alcohol (200 ml)	Cleaning wipes
Scale			
Hexagon screwdriver (1.3 mm)		Spanner, 2 pcs (size 12 mm)	
Screwdriver (size Philips 1)		Vaseline	

Standard assembly components (included in the OMK-SR-MCS):
MCS-04   mini cable splice assembly   1 pc
CamSplice®   mechanical splice   4 pcs

Optional parts:
MCS-04   mini cable splice assembly, 4 fibers
MCS-02   mini cable splice assembly, 2 fibers
CamSplice®   mechanical splice

Consumables:
Isopropyl alcohol
Lint-free tissue