

New
AVliterepair™ RK100



- **Portable Fibre Repair Kit**
- **Reduced Termination Time**
- **Battery Operated**
- **As used by Airbus**
- **Includes AVlitecure™**

Fibre Optic Termination and Repair Kit for Harsh Environments

‘When your portable solution needs to be as good as production’

The AVliterepair™ is a field deployable portable fibre optic termination and repair kit. Its robust and ergonomic design along with some key innovative technology mean that this kit can be easily used by an operator in confined spaces and harsh environments.

The RK100 uses a combination of hand tools and innovative portable products to allow the operator to make high integrity fibre optic terminations in confined spaces. The time required is also significantly reduced using the proven AVlitecure™ system.

The kit is compatible with most commercial and military fibre optic termini - including ARINC and MIL specifications. Its modular design allows additional connectors to be added with minimal impact.

Kit Options:

- ★ **RK100-AB**
- Uses the Euromicron® polisher required to meet the Airbus field repair process (AIPS 07-11-008).
- ★ **RK100-AV**
- Uses the KRELL PROTON® polisher as used by the UK MoD

Key Features and Benefits

- ★ **Self contained – No external power req'd**
Kit is completely self-contained in one box requiring no external power sources for operation.
- ★ **Uses AVlitecure™ technology**
Allows curing in a fraction of the time whilst still meeting the requirements for high integrity terminations.
- ★ **Already specified on Major programs**
This repair kit is already successfully used by Airbus and the MoD making it a low risk solution when high integrity terminations are required outside of fibre production facilities.



Compatible Connectors

- * LuxCis™ (ARINC 801)
- * Elio™ (ARINC 801)
- * MIL-PRF-29504
- * MC-5
- * HA / RSC / MFM

Compatible Cables

- * EN4641-301/401
- * JN1008-B-LA
- * ARINC 802
- * GSC-13-83935-00

** Please enquire if your connector or cable type is not listed **

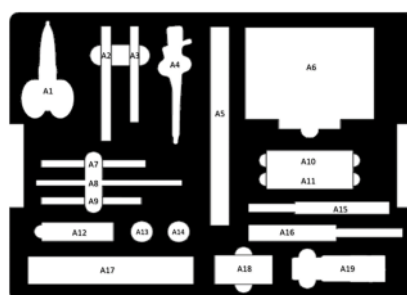
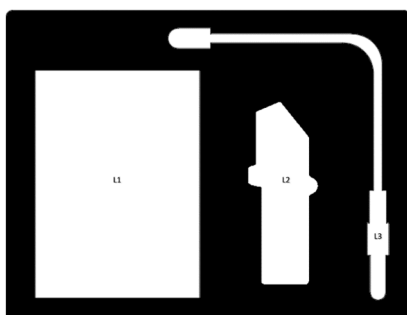
Multi-Platform Applications

The AVliteRepair™ system has been designed to work in the most challenging of situations. In an aircraft or vehicle or out in the field. All the tools and space for consumables are contained within a single ruggedized man portable box making it easy to store and transport.

The termination and repair kit has been extensively tested to meet the requirements for ARINC 801 ('LuxCis' and 'Elio') fibre optic termini and the RSC, HA and M29504 onto defence and aerospace grade cable. The kit is compatible with most commercial and military fibre optic termini - including ARINC, EN and MIL specification.

Part Information

RK100



Posn	Description	Qty
A1	Kevlar Cutters	1
A2	Cable Strippers	1
A3	Buffer Strippers	1
A4	Epoxy Pipette	1
A5	HX4 Crimp Tool	1
A6	Storage Container A	1
- A6-1	Size 16 Insert / Extract Tool	1
- A6-2	Elio Insert / Extract Tool	1
- A6-3	Epoxy Pot	1
- A6-4	Die Set	1
- A6-5	Epoxy Guide	1
- A6-6	Epoxy Pick	1
A7	Marker Pen	1
A8	15cm Ruler	1
A9	Cleave Tool	1
A10	Storage Container B	1
- A10-1	Elio Strip Template	1
- A10-2	LuxCis Strip Template	1
- A10-3	ST Strip Template	1
A11	Storage Container C	1
- A11-1	Needles	5
- A11-2	Pipette Tips	5
- A11-3	Syringes	5
A12	Sharps Bin	1
A13	2.5mm Microscope Tip	1
A14	Water Spray	1
A15	1.25mm Cleaning Pen	1
A16	2.5mm Cleaning Pen	1
A17	400x Microscope	1
A18	Cleaning Wipes	1
A19	IPA Cleaning Fluid	1
B1	AVliteCure oven head	1
B2	AVliteCure oven controller	1
B2	AVliteCure Battery	1
B3	Storage Containers D	3
-B3-1	Screwdriver (AVliteCure)	1
-B3-2	Allen Key (Polishing)	1
B4	Storage Containers E	1
- B4-1	Polishing Film Pack	1
B5	Storage Containers F	1
B6	Polishing Jig 1.25mm	1
B7	Polishing Jig 2.5mm	1
B8	Polishing Pads Black	1
B8	Polishing Pads Violet	1
B8	Polishing Pads Blue	1
B9	AVliteCure charger	1
B10	AVliteCure Holder	1
B11	Polishing Machine Charger	1
B12	Polishing Machine Battery	1
B13	EuroMicron Polishing	1
L2	ST Crimp Tool	1
L3	Torch	1
	Peli 1620 Case	

Krell Option: replace B6-B8, B11-B13

Bxx	Polishing workholder (univ)	1
Bxx	Polishing Pads Violet	1
Bxx	Polishing Pads Black	1
Bxx	Polishing Pads Violet	1
Bxx	Polishing Machine Charger	1
Bxx	Krell Polishing Machine	1

Bespoke kits also made to your specification – visit www.AVoptics.com to enquire