

## AVlitesplice™ – In-situ repair of your fibre system in minutes

The AVlitesplice™ splice provides a rugged splice solution for reinstating, repairing or extending your fibre optic system when you need to ensure that the strength and integrity of the cable is almost as good after the repair as it was before.

This splice has been designed to be performed and operated in harsh environments such as Aerospace, Marine and Defence systems.

With only 5 piece parts it is simple to assemble and use and when used in conjunction with AVliterepair™ fibre optic kits, a single operator can reinstate a link ready to use within 15 minutes. The low mass of the splice means that it can be loom mid loom if required without specific fastenings.

The splice can either be used as a permanent repair removing the need for additional repair work later in the product life cycle.



### Features and Benefits:

- Allows in-situ repair as an alternative to expensive loom replacement
- Reinstates full cable integrity allows for temporary or permanent repair
- Low insertion loss ensuring your system is up and running with minimal impact on system power budgets
- Simple design can be assembled utilizing standardised<sup>1</sup> tooling with minimal re-training of personnel required
- Repair time of 15-20mins maximizes availability

<sup>1</sup> Assumes the use of the AVliterepair™ termination kit to meet optimal time and space requirements although can be performed using conventional terminating equipment

## Technical Specifications

### AVlitesplice™ AVT-193

Cable Types:	JN1008B-LA, EN45xx-301, ABSxxxx
Insertion loss (Typ)	0.25dB (Typ)
Operating Temperature Range:	-40 °C to +-135 °C
Pull Strength	250N
Repair time (Typ)	25 minutes
Dimensions:	55mm long x 5.5mm diameter

## Ordering information

AVT-193-XXX-YYY

XXX-Fibre Outer Diameter

YYY – Cable Outer Diameter

280

250

140

200

125

180

XXX – please enquire for other fibre sizes

YYY – please enquire for other outer jacket sizes



Termination and Field Repair Kits



Tooling solutions



Polishing Equipment



Optical and Electrical Harnesses



Training and Consultancy