

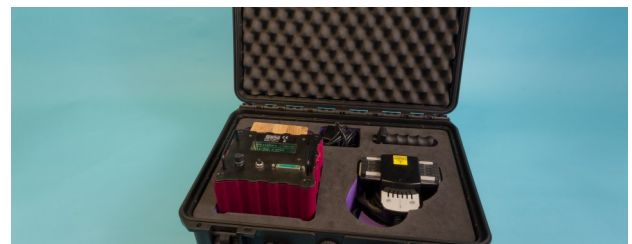
AVliteCure™ - Unique portable fast cure system for in-field termination

AVliteCure™ is a fully portable rapid curing system designed to cure optical termini in a fraction of the time of conventional systems. This is achieved whilst maintaining the quality assurance required for harsh environment operation.

AVliteCure™ is small enough to be hand held allowing terminations to be performed in field simply by a single operator. The device is attitude insensitive so can be used in areas that have previously been inaccessible.

Designed for operation with minimal training, AVliteCure™ has a fool proof connection system and a simple press to operate switch and cure indicator.

A novel and effective clamping mechanism allows termini and cable to be loaded and held safely and securely allowing the operator to bring the curing system to the termini. This minimises the likelihood of damage to the fibre and ensures single operator operation.



Features and Benefits

- Fast cure system—high performance at a fraction of the time of conventional cures (Tg of 130°C).
- Fully portable hand held curing head allows curing in the most demanding situations.
- Novel termini/cable retention system ensures termini are held in position during cure.
- All major termini accepted. Up to 4 termini cured each cycle
- Allows re-termination or in-line repair to be performed in-field or in production reducing installation time
- Provides single user operation and no special skill requirement
- NATO stock number (NSN 5999-99-961-4542)

Technical Specifications

Electrical

AVT-063	AVliteCure™ Battery Supply	For re-charging use AVT-064
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Mechanical

AVT-061	AVlitecure™	60x44x287mm
AVT-063-12	DC Power Supply (1.5kg)	145x103x95mm

Cure Performance

Cure time	6 minutes
T _g ¹	130°C
Epoxy Compatibility	Tested with EPO-TEK 353ND and EPO-TEK 364.

Ordering Information

Ovens

AVlitecure™	AVT-061
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Termini Clamps

Termini clamp small	AVT-062-S	LuxCis, Mil-T-29504, Elio
Termini clamp large	AVT-062-L	ST, FC,

Power

Battery Power Supply	AVT-063
Plug-in Charger (AC 110—230 V)	AVT-064

AVoptics Ltd: Other products and services include:



Termination and Field Repair Kits



Tooling solutions



Polishing Equipment



Optical and Electrical Harnesses



Training and Consultancy