AVoptics
YOUR REQUIREMENTS, OUR CAPABILITY

New AVliteCure™ LT500 Series

- **Portable Fibre Optic Oven**
- **Fast Curing**
- **Battery / Mains Operated**
- **Programmable Controller**
- **Secure Termini Clamping**

High Performance Hand Portable Fibre Optic Curing Oven

The AVliteCure™ is a rugged field deployable battery/mains powered portable oven that rapidly cures optical terminations for high integrity applications.

The oven uses a unique combination of light and heat to rapidly cure standard fibre optic epoxies in a fraction of the standard time whilst still achieving the same quality of a traditional cure.

The oven is compatible with most commercial and military fibre optic termini - including ARINC and MIL specifications.

The digital programmable controller on the LT500 ensures accurate and repeatable cure profiles, removing operator variations and errors from the curing process.

Key Features and Benefits

✷ **Fast cure times**
Cure times of just six minutes can offer the same quality bond as a 60 minute cure in a standard oven.

✷ **Handheld use and fully portable**
With power options and its small footprint, it can be used in most situations.

✷ **Cure profile memory**
Up to 25 programmable curing profiles can be stored and recalled from memory.

✷ **Easy to use**
Compact design with clear LCD display and large buttons for gloved operations.

Oven Options:

LT500 - Fast cure mains/battery powered oven. Allows users to set their cure times and go.

LT510 - User can save profiles or use AVoptics pre-programmed profiles developed in conjunction with suppliers.

LT520 - All the features of the LT510 with a data logging feature to ensure full traceability of special processes.

Compatible Connectors

* ✳ LuxCis™ (ARINC 801)
* ✳ Elio™ (ARINC 801)
* ✳ MIL-PRF-29504
* ✳ MC-5
* ✳ MC-3
* ✳ HA / RSC / MFM

Compatible Cables

* ✳ EN4641-301
* ✳ JN1008-B-LA
* ✳ ARINC802
* ✳ GSC-13-83935-00

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

Multi-Platform Applications

The AVliteCure™ system has been designed to work in the most challenging of situations; underground, in an aircraft or vehicle or just in a production area. To aid this controls are simple, displays and indicators are clear and easy to read. The oven is compact and ergonomically designed.

The oven has been extensively tested using numerous termini including the ARINC 801 ('LuxCis' and 'Elio') fibre optic termini and the RSC and HA. The oven is compatible with most commercial and military fibre optic termini - including ARINC, EN and MIL specification.

Cables and termini are easily loaded and securely held in the oven during the setup and cure process to ensure the best quality bond.

Ordering Information

LT500-NC

NC	No Case (Omit for a full case solution)

	Rapid Cure	Save Profile	Data Logging
500	✓	✗	✗
510	✓	✓	✗
520	✓	✓	✓

LT	Avlitecure™ Product range