

## 500 Series LaunchLITE Test Leads

The Ridgemount LaunchLite series of test cables have been designed to offer both short and long lengths of fibre in a secure yet compact format for test & measurement applications.

They are ideal as test leads for production operators, OTDR launch leads for installers and as virtual network links or delay lines for technicians testing transmission equipment and devices.

Various configurations are available including all Singlemode and Multimode fibre types terminated with the required connector interface. Custom solutions can be manufactured allowing long fibre lengths to be supplied in compact housings.



### Features

- Precision Fibre Optic Test Leads & Hybrid Interconnects
- Continuous Coiled fibre (standard & custom)
- Selected fibre, connectors to IEC & Telcordia standards
- Singlemode UPC and APC polish options
- High concentricity, ultra-low loss assemblies

### Benefits

- Compact Optical Fibre leads - 1m to 5km
- Lightweight & portable - ideal for Installers
- Rugged designs - water & dust proof
- Simple method to remove OTDR dead zones
- Rack mounting solutions for test applications

### Applications

Ridgemount LaunchLITE assemblies are ideal for technicians and installers working on the following network types. Please contact Ridgemount for advice and support to specifying suitable components.

- Industrial Transport Control
- Security and Surveillance Systems
- CATV and Broadcast Systems
- Base Station Interconnection
- Storage and Data Centres
- LAN Ethernet Networks
- Telecommunications Systems
- FTTH Distribution



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## Technical Specification

LaunchLITE Fibre Coils	Performance	Specifications
Horseshoe Enclosure [520] Ruggedised Carry Case [535]	125mm x125mm x50mm 220mm x191mm x100mm	Holds up to 1km. Indoor Use. Holds up to 10km. Outdoor Use.
Fibre Optic Connectors	FC, SC, ST, E2000, EC, LC, LX.5, MU	UPC and APC Options. IEC 61754 Interface Standards
Insertion Loss Return Loss Wavelength Dependence	≤0.5dB/km UPC >53dB APC > 63dB <0.5dB (1300nm – 1550nm)	IEC 61300-3-4 (1310nm) IEC 61300-3-6 Measured at min attenuation @ 23 C
Example Part Numbers: 520 535	1615 [FCUPC 9/125 FCUPC 3mm] 1675 [FCUPC 9/125 FCAPC 3mm] 7685 [FCAPC 9/125 SCAPC 3mm]	0504 [Length = 500metres] 1004 [Length = 1000metres] 6004 [Length = 6000metres]

LaunchLITE Test Leads	Performance	Specifications
Production Test Leads [540] Adjustment Leads [542]	Insertion Loss <0.1dB[T] Return Loss UPC>53dB / APC>65dB	IEC 61300-3-4(B) 1310nm & 1550nm IEC 61300-3-6
Equipment Connector [Equipment End]	FCUPC or FCAPC [Other available on request]	Red Boot Premium Grade.
Launch Connector [Device or Cable End]	FC, SC, LC, MU, E2000, ST, EC, LX.5 – UPC and APC Options	Black Boot. Master Cord Grade.
Optical Fibre	Singlemode SMF283e	High Concentricity G652d Fibre
Example Test Lead 540 Part Numbers: Test Lead 540 Test Lead 540 Launch Lead 542	1114 [FCUPC 9/125 FCUPC 2.4mm] 1174 [FCUPC 9/125 FCAPC 2.4mm] 1184 [FCUPC 9/125 SCAPC 2.4mm] 1114 [FCUPC 9/125 FCUPC 2.4mm]	0014 [Length= 1m] 0014 [Length= 1m] 0014 [Length= 1m] 0011 [Length= 1m]