

MEGLADON[®]

MANUFACTURING GROUP, LTD

A TyRex Technology Family Company



HLC[®] Launch Test Cables

The Megladon Difference

Megladon's **HLC Launch Test Cables** are the ideal companion for OTDR testing, and are the highest performing launch cables available. They are manufactured using only the highest quality, precision components. We apply our patented HLC laser termination process to every connector, creating the best possible optical performance (IL/ORL). The extended durability of the HLC endfaces allows for uninterrupted testing over longer periods, allowing for reduced testing expense over time. HLC Launch Cables are available in all major glass core sizes and connector types (SC, LC, ST, FC), both UPC and APC, and we make a variety of lengths to support both premise and long haul testing applications.

For more information on Megladon's HLC process and products, please visit megladonmfg.com.

KEY BENEFITS

- ✓ Exclusive HLC Termination Process
- ✓ SCRATCHGUARD[®] Durable Mating Surface
- ✓ Available in all Major Connector Types, UPC or APC
- ✓ Reference Grade Optical Performance
- ✓ GR-326 Compliant
- ✓ SM lengths: 150m, 500m, 1km
- ✓ MM length: 150m

APPLICATIONS

- ▶ OTDR Testing
- ▶ Premise Network Certification
- ▶ Broadband & Long Haul Fiber Testing
- ▶ General Fiber Test & Measurement



MEGLADON MANUFACTURING GROUP, LTD.
CERTIFIED TO ISO 9001:2015
CERTIFICATE NO. 1082256

HLC® Launch Test Cables



PERFORMANCE CHARACTERISTICS

Megladon HLC Launch Test Cables				
	<i>SM, UPC</i>	<i>SM, APC</i>	<i>MM 50um</i>	<i>MM 62.5um</i>
	1310 / 1550	1310 / 1550	850 / 1300	850 / 1300
Insertion Loss	<0.2dB	<0.2dB	<0.2dB	<0.2dB
Return Loss	<-55dB	<-70dB	<-40dB	<-40dB
Length	150m, 500m, 1km	150m, 500m, 1km	150m	150m

Megladon's patented HLC laser process yields the highest performance connector available.

Optical Performance: The lens that is created on the tip of the connector as a result of the HLC process has beneficial optical performance characteristics. It has a focusing effect, creating reference grade Insertion Loss performance on every connector. It also reduces the amount of power reflected at the interconnect, giving our cables the best Optical Return Loss performance available. These two characteristics together create connectors that are ideally suited for test and measurement and that deliver consistent, reference grade performance.

Scratch Resistance: The lens that is formed also has increased durability relative to a standard connector. When the glass at the tip of the connector is melted and re-hardens, a tempering process takes place, and the result is an endface that is less susceptible to damage under normal handling conditions. This endface also resists damage under multiple plugs; HLC connectors are rated in excess of 1500 mates, 3x the amount of a standard connector, making it ideal for volume testing.

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Your Fiber Optic Solutions Partner • Reliable - Rugged - Repeatable

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