

MEGLADON[®]

MANUFACTURING GROUP, LTD

A TyRex Technology Family Company



Scout Outdoor Test Jumpers

The Megladon Difference

Megladon's **Scout Outdoor Test Jumper Cables** are designed to support FTTx testing in the field, with a hardened outdoor connector on one end and the standard connector of choice on the other. These test jumpers are customizable in length and standard connector type, allowing them to be adapted to all types of testing platforms. Cables can even be built in 150m+ lengths to support OTDR field testing.

All of our test jumpers are built using HLC[®] technology, guaranteeing the best optical performance and endface durability available in the marketplace.

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

KEY BENEFITS

- ✓ Exclusive HLC Termination Process
- ✓ SCRATCHGUARD[®] Durable Mating Surface
- ✓ Customizable lengths
- ✓ All standard connector types
- ✓ Indoor & Outdoor Rated Cable Jackets available

APPLICATIONS

- ▶ FTTx Testing
- ▶ Field Testing
- ▶ Loss Test Sets
- ▶ OTDR Launch



MEGLADON MANUFACTURING GROUP, LTD.
CERTIFIED TO ISO 9001:2015
CERTIFICATE NO. 10002556

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PERFORMANCE CHARACTERISTICS

Megladon Scout Outdoor Test Jumpers			
Wavelength 1310 & 1550	Min	Max	Units
Initial Insertion Loss (HLC)		-0.2	dB
Initial Return Loss (HLC)		-58	dB
Initial Insertion Loss (APCHLC)		-0.2	dB
Initial Return Loss (APCHLC)		-70	dB
Connector Repeatability (IL Change)		0.05	dB
Temperature Cycling (IL Change)		0.05	dB
Temperature Cycling (RL Change)		3	dB
Vibration Loss (IL Change)		0.05	dB
Vibration Loss (RL Change)		3	dB
Cable Retention Loss (IL Change)		0.1	dB
Cable Retention Loss (RL Change)		5	dB

ENVIRONMENTAL CHARACTERISTICS

Megladon Scout Outdoor Test Jumpers			
	Min	Max	Units
Storage Temperature	-40	85	C
Humidity	5	95	% Relative
Bend Radius	10		mm
SM Optical Wavelength	1250	1640	nm
Radius of Curvature (HLC)	10	20	mm
Radius of Curvature (APC)	7	12	mm
Apex Offset	0	50	um
Fiber Height	Fn (ROC)	50	nm
Angle (HLC)	-0.2	0.2	degrees
Angle (APCHLC)	7.5	8.5	degrees

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Your Fiber Optic Solutions Partner • Reliable - Rugged - Repeatable

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