

MEGLADON[®]

MANUFACTURING GROUP, LTD

A TyRex Technology Family Company



FTTx Drop Cable HLC[®] Assemblies

The Megladon Difference

Megladon's **FTTx Drop Cables** are designed to support maximum density, durability and performance in outdoor FTTx deployments. Hardened connectors are suitable for all outdoor installation types: Aerial, Ground and Burial.

Megladon's factory terminated connectors reduce installation time, provide the highest performance available and have the only hardened mating surface in the industry.

Cables can be built double ended or as pigtailed, and connector types can be configured according to the application. We have hand-picked the Prysmian ResiLink and ezDROP cable products because of their quality of construction, installation versatility and best-in-class bend tolerant SM glass.

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

KEY BENEFITS

- ✓ Exclusive HLC Termination Process
- ✓ Uses Prysmian ResiLink or ezDROP Cable with BendBright or BendBright-XS Glass
- ✓ Fiber Counts (2-12)
- ✓ Available in Industry-Standard (SCAPC, SC, LC) and Hardened OSP Connectors
- ✓ Designed to comply with GR-326 and GR-3120
- ✓ Coil or Spool Packaging
- ✓ Pre-installed Pulling Eyes available

APPLICATIONS

- ▶ Pre-Terminated FTTx drops
- ▶ Aerial Lashed
- ▶ Duct, Direct Buried



MEGLADON MANUFACTURING GROUP, LTD.
CERTIFIED TO ISO 9001:2015
CERTIFICATE NO. 1092256

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PERFORMANCE CHARACTERISTICS

Megladon FTTx Drop Cables			
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 FTTx Drop Cables			
	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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