

MEGLADON[®]

MANUFACTURING GROUP, LTD

A TyRex Technology Family Company



HLC[®] SCRATCHGUARD[®] ODVA Industrial Assemblies

The Megladon Difference

Megladon **ODVA Industrial Assemblies** are designed with industrial communications in mind. They are built for indoor / outdoor use and are fully compliant with Open Device Vendor Association (ODVA) standards. They are perfect for Fiber-to-the-Antenna (FTTA) and other applications requiring a rugged, high-performance cable.

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

KEY BENEFITS

- ✓ Exclusive HLC Termination Process
- ✓ SCRATCHGUARD Durable Mating Surface
- ✓ Open Device Vendor Association (ODVA) Compliant
- ✓ Designed for use in Industrial indoor / outdoor applications
- ✓ Increased connector durability & performance
- ✓ Available in Singlemode (SM) & Multimode (MM) configurations

APPLICATIONS

- ▶ Industrial
- ▶ Fiber-to-the-Antenna (FTTA)
- ▶ Outdoor



MEGLADON MANUFACTURING GROUP, LTD.
CERTIFIED TO ISO 9001:2015
CERTIFICATE NO. 10982596

HLC® SCRATCHGUARD® ODVA Industrial Assemblies



PERFORMANCE CHARACTERISTICS

Megladon HLC SCRATCHGUARD ODVA Assemblies			
Wavelength 1310 & 1550	Min	Max	Units
SM			
Initial Insertion Loss (UPC)		-0.2	dB
Initial Return Loss (UPC)		-58	dB
MM			
Initial Insertion Loss (UPC)		-0.2	dB
Initial Return Loss (UPC)		-45	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 HLC SCRATCHGUARD ODVA Assemblies			
	Min	Max	Units
Storage Temperature	-40	85	C
Humidity	5	95	% Relative
Radius of Curvature	10	20	mm
Apex Offset	0	25	um
Fiber Height	-25	+25	nm
Angle	-0.2	0.2	degrees

MEGLADON®
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Your Fiber Optic Solutions Partner • Reliable - Rugged - Repeatable

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