

MEGLADON[®]

MANUFACTURING GROUP, LTD

A TyRex Technology Family Company



HLC[®] SCRATCHGUARD[®] Ribbon Pigtails

The Megladon Difference

Megladon's **HLC SCRATCHGUARD Ribbon Pigtails** are designed to simplify splice-in and termination of ribbon fibers or loose tube fibers that have been converted to ribbon. Each connector incorporates Megladon's patented HLC termination process for increased scratch resistance and maximum reliability. These cables are also available in a variety of connector types with bare fiber or jacketed.

Fanned out individual fibers are protected with 900 micron furcation, allowing them to be handled the same way as cabled fibers. These are ideal data center solutions when paired with high fiber count or OSP ribbon cable.

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

KEY FEATURES

- ✓ HLC Terminations provide best-in-class performance and durability.
- ✓ Provides easy termination of fibers that have been converted to ribbon.
- ✓ Available in all fiber types, all connector types and customizable in length.

APPLICATIONS

- ▶ LAN, WAN & SAN
- ▶ Data Centers & OSP
- ▶ Broadband Networks
- ▶ Cross Connects
- ▶ Indoor



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

HLC® SCRATCHGUARD® Ribbon Pigtails



PERFORMANCE CHARACTERISTICS

Megladon HLC SCRATCHGUARD SM Ribbon Pigtails			
Wavelength 1310 & 1550	Min	Max	Units
Initial Insertion Loss (UPC)		-0.2	dB
Initial Return Loss (UPC)		-58	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

Megladon HLC SCRATCHGUARD MM Ribbon Pigtails			
Wavelength 850 & 1300	Min	Max	Units
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

MEGLADON®
MANUFACTURING GROUP, LTD

Your Fiber Optic Solutions Partner • Reliable - Rugged - Repeatable

12317 Technology Blvd., Ste. 100 • Austin, Texas • (512) 491-0006 • megladonmfg.com