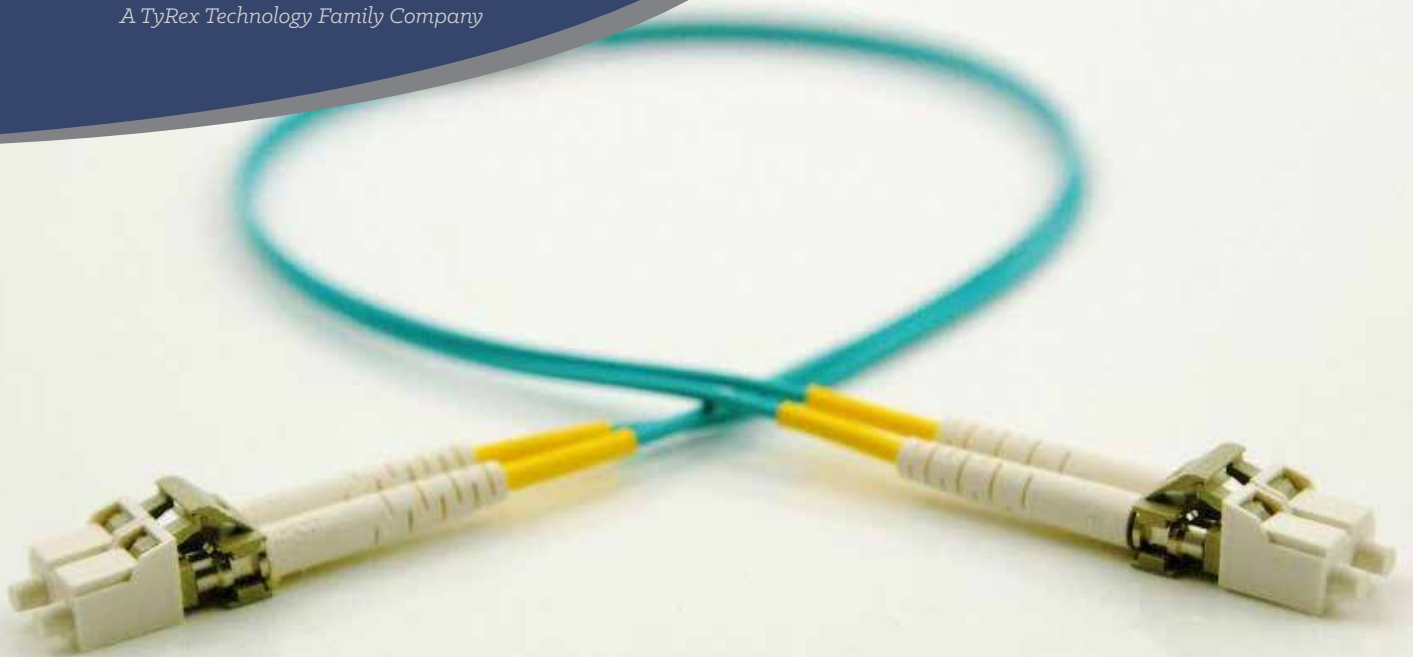


MEGLADON[®]

MANUFACTURING GROUP, LTD

A TyRex Technology Family Company



HLC[®] SCRATCHGUARD[®] Multimode Patch Cables

The Megladon Difference

The **Multimode (MM) Patch Cables** manufactured by Megladon exceed industry standards for optical performance and durability. Every patch cable is built from the highest quality materials from the top manufacturers in the industry, and all assemblies are factory-terminated and tested to the highest industry standards, including GR-326.

Megladon is capable of terminating all common fiber optic connectors, including SC, LC and MPO / MTP[®] varieties. An array of cable types are available, including riser, plenum and numerous jacket colors and diameters. All terminated assemblies utilize Megladon's patented HLC termination process – providing industry-leading performance and durability.

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

KEY BENEFITS

- ✓ Exclusive HLC Termination Process
- ✓ Reference Grade IL & ORL Performance
- ✓ SCRATCHGUARD Durable Mating Surface
- ✓ GR-326 Compliant Materials & Geometry
- ✓ Standard & Bend Insensitive Glass Types available
- ✓ Built to Specified Lengths

APPLICATIONS

- ▶ Horizontal Cabling
- ▶ Central Office Distribution
- ▶ Head End Distribution
- ▶ Indoor Cross Connects
- ▶ Data Centers



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

HLC® SCRATCHGUARD® Multimode Patch Cables



PERFORMANCE CHARACTERISTICS

ENVIRONMENTAL CHARACTERISTICS

Megladon HLC SCRATCHGUARD MM Patch Cables			
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 HLC SCRATCHGUARD MM Patch Cables			
	Min	Max	Units
Storage Temperature	-40	85	C
Humidity	5	95	% Relative
Bend Radius (BI)	15		mm
Bend Radius (standard)	30		mm
SM Optical Wavelength	790	1380	nm
Radius of Curvature	7	25	mm
Apex Offset	0	50	um
Fiber Height	Fn (ROC)	50	nm
Angle	-0.2	0.2	degrees

PART NUMBER GENERATOR

1	2	3	4	5
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6	6	6	7
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Glass Type	Connector	Connector	Fiber Type	Jacket Type
2: MM 62.5um	A: SCHLC	A: SCHLC	S: Simplex	1: 900um
3: MM 50um	B: FCHLC	B: FCHLC	D: Duplex	2: 3mm RISER (PVC)
6: MM OM3	C: STHLC	C: STHLC	L: Loopback	3: 3mm PLENUM
9: MM OM4	D: LCHLC	D: LCHLC	R: Ribbon	4: No Jacket
M: MM OM3 BB		X: Pigtail	O: Other	5: 2.0mm RISER (PVC)
				6: 1.6mm RISER (PVC)
				7: Other
				8: 4.8mm
				9: 2.0mm PLENUM

Length	Length	Length	Units
Please include 3 Digits for Length Use "o" as place holder			M: Meter
			F: Foot
			I: Inch
			C: Centimeter
			K: Kilometer

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

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