

MM 50 HLC® SCRATCHGUARD™ Patch Cords

Meglodon's patented HLC SCRATCHGUARD patch cords feature a tempered mating surface, reference cable quality and ease of cleaning. For your business critical applications, the HLC technology will perform with the lowest loss in the industry and promote a reliable network.

As a network provider, you need a reference quality connection with durable mating surfaces to improve network performance and reduce system failures. Your customers demand it. Today's high speed networks demand the highest quality connections to ensure reliable performance. Contamination, scratches and poor geometry degrade network performance and cause failures during peak traffic.



Features:

- Low maintenance matings
- Reference cable quality
- Easy cleaning
- SCRATCHGUARD
- Extended life span
- Will withstand multiple matings
- Compatible with all existing connectors
- Lowest loss in the marketplace
- High quality components

Benefits:

- Repeatable network performance
- Network reliability
- Easy to install
- Reduced network down time
- Increased customer satisfaction
- Saves time and money

Quality Assurance:

- HLC assemblies are 100% tested for optical performance
- Out of box audit using .65 AQL Zero Based Acceptance Plan results in 99.35% Quality Level
- Each assembly is bar code serialized and test data is stored on line
- ISO 9001-2000 registered firm
- GR-326 Compliant



SM HLC assembly with serial number and bar code label.

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Patch Cord Specification

Multimode 50um Specifications

	Min	Max	Units
Storage Temperature	-40	85	C
Humidity	5	95	% Relative
Bend Radius	30		mm
Optical Wavelength Range	790	1380	nm
Radius of Curvature	10	20	mm
Apex Offset	0	25	um
Fiber Height	Fn(ROC)	50	nm
Angle	-0.2	0.2	degrees

Wavelength 850 and 1300

	Min	Max	Units
Initial Insertion Loss		0.2	dB
Initial Return Loss		45	dB
Connector Repeatability (IL Change)		0.05	dB
Temperature Cycling (IL Change)		0.05	dB
Temperature Cycling (RL Change)		3.0	dB
Vibration Loss (IL Change)		0.05	dB
Vibration Loss (RL Change)		3.0	dB
Cable Retention Loss (IL Change)		0.1	dB
Cable Retention Loss (RL Change)		5.0	dB