

Bend Insensitive 100x Angle Polished HLC[®] SCRATCHGUARD[™] Patch Cords

Network installers are often faced with bend loss issues when fiber optic networks are deployed. Bend loss also causes ongoing intermittent failures and power budget shortages for network managers. Bend loss issues are difficult to locate and resolve.

Megladon's solution is the Bend Insensitive APC HLC SCRATCHGUARD patch cord. We have integrated all the benefits of HLC connections with 100x Bend Insensitive glass and an angle polished connector, resulting in the highest performance, lowest loss, most durable patch cord in the industry.

If you are looking to decrease network installation time, patch cord maintenance and troubleshooting, then Megladon's Bend Insensitive 100x APC HLC SCRATCHGUARD patch cables are the only answer.



Features:

- Lowest bend loss in the marketplace
- Reference cable quality
- Angle polished connectors
- Easy cleaning
- SCRATCHGUARD
- Extended life span
- Will withstand multiple matings
- Compatible with all existing connectors
- Lowest IL/ORL in the marketplace

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 is serialized with a bar code label.

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Bend Insensitive 100x Angle Polished HLC SCRATCHGUARD Patch Cords Specification

Singlemode Specifications

	Min	Max	Units
Storage Temperature	-40	85	C
Humidity	5	95	% Relative
Bend Radius	7.5		mm
Optical Wavelength Range	1260	1640	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 1310 and 1550

	Min	Max	Units
Initial Insertion Loss		0.2	dB
Initial Return Loss		75	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