DCmark Slimflex Push-Pull LC-LC Fiber Patch Cords

DCMARK SLIMFLEX BOOT PUSH-PULL DUPLEX PATCH CORD LC-LC OM3 LSZH AQUA XX.XM



Aginode Ref: N128D.5LLBAxxx

- Optical fiber patch cords
- Boot PushPull design
- Polarity changeable connector
- Round cable design
- GIGAliteFLEX bend insensitive OM3 fibre
- For use in cabinets and workplaces

Application

DCmark Slimflex boot push-pull patch cords have a very small bend radius of 10 mm due to the use bending insensitive fiber. The small bend radius of the patch cord is beneficial in high density patching areas where a lot of bends are common. The round design of the patch cord results in a small bend radius in any direction.Traditional patch cords based on a zipcord design have a bend radius that is dependent on the orientation. With the round design and the small diameter (2mm) of the patch cable the area required for the patch cord is reduced by 40 % resulting in space savings, reduced disturbance of the airflow for cooling and easier patch cords management in high density racks. With boot push-pull design enable the connector to be disengaged easily from densely loaded panels without the need for special tools.

Characteristics

- Patch cord cable is according to IEC 60794-2-50
- Maximum insertion loss according to IEC 61300-3-4: 0.25 dB
- Typical insertion loss: 0.15 dB
- Minimum return loss according to IEC 61300-3-6: 35 dB for MM
- Color of Jacket: OM3 is Aqua
- The diameter of the cable is 2mm
- The fiber is bending insensitive type, has small bend radius

Design

Aginode DCmark patchcords designed according to the "Cross-Over" wiring principle to improve field installation (A1-B2, B1-A2). This conforms to the requirements of IEC 11801 and EN 50174-1:2009. The polarity of the patch cord can be changed by opening the uniboot connector on one side and change the position of the 2 LC connectors.

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STANDARDS

ISO/IEC 11801

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DCmark Slimflex boot push-pull duplex patch cord LC-LC OM3 LSZH Aqua xx.xm

Characteristics

Construction characteristics	
Fiber optic type	OM3 50/125
Outer sheath	LSZH
Mechanical characteristics	
Maximum pushing force	150 N
Crush resistance (IEC 60794-1-E3)	50 N/cm
Transmission characteristics	
Insertion Loss, maximum, dB	0.25 dB
Return Loss, Minimum, dB	35 dB
Usage characteristics	
Operating temperature, range	-10...60 °C

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