DCmark Slimflex Pull Tab Fiber Patch Cords

DCMARK SLIMFLEX PULL TAB DLC PATCH CORD POLARITY CHANGEABLE OS2 LSZH XM YELLOW



Aginode Ref: N122.4LCWYx

- Optical fiber patch cords
- Pull tab design
- Polarity changeable connector
- Round cable design
- GIGAliteFLEX bend insensitive OS2 fibre
- For use in cabinets and workplaces

STANDARDS

ISO/IEC 11801

Application

DCmark Slimflex with Pull tab 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 (2.6mm) 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 Pull tab design utilizes a flexible “pull-tab” allowing for 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: 50dB for SM
- Color of Jacket: OS2 is Yellow
- The diameter of the cable is 2.6mm
- 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.

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Aginode is indicative only and shall not be binding on Aginode or be treated as constituting a representation on the part of Aginode.

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Characteristics

Construction characteristics	
Fibre optic type	SM (G657.A1)
Outer sheath	LSZH
Mechanical characteristics	
Crush resistance (IEC 60794-1-E3)	100 N/100mm
Maximum pushing force	200 N
Transmission characteristics	
Insertion Loss, maximum, dB	0.25 dB
Return Loss, Minimum, dB	50 dB
Usage characteristics	
Operating temperature, range	-10...60 °C

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