LANmark-OF MTP-MTP Patch Cords

LANMARK-OF PATCH CORD FEMALE MTP PRO - FEMALE MTP PRO OM4 LSZH XM VIOLET



Aginode Ref: N125.7GGVx

- Optical fiber patch cords
- Parellel Optics: 40GBase-SR4 and 100GBase-SR4
- LANmark-OF OM4 performance
- MTP PRO connectors for change of gender and polarity on site
- For use in data centres

DESCRIPTION

Aginode LANmark-OF MTP-MTP patch cords have been designed for indoor applications in support of parallel optics, i.e. 40GBase-SR4 and 100GBase-SR4.

Details on the supported distances can be found in the LANmark-OF warranty modules.

Typical installation environments are data centres:

- Connections from patch panels to the active equipment
- Cross connects

Aginode LANmark-OF MTP patch cords are delivered as straight patch cords with a key up - key up design, i.e. the method B polarity. The patch cords are delivered with female MTP* PRO connectors.

For ease of patching the MTP PRO connector has a short boot length of 17mm.

With the tool in the LANmark-OF Tool MTP PRO Sample Box (N890.160) the gendre and polarity of the patch cords can be changed

- Gendre can be changed to male with the pins of product N890.161
- The polarity can be changed to a key up – key down design.

The patch cords are available with LANmark-OF OM4 performance. Details on the fibre specifications can be found

STANDARDS

ISO/IEC 11801

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in the detailed fibre datasheets.

The typical value for the insertion loss for a multimode MTP connection is 0,125 dB. The limit value for a multimode MTP connection is 0,25 dB measured according to standard IEC 61300-3-45. The minimum return loss for a multimode MTP connection is 20 dB measured according to IEC 61300-3-6.

Mechanical characteristics of the Pre-Term are conform to the IEC 60794-20 standard for indoor cables. The small diameter of 2.5 mm and the small bend radius of 30mm the cable facilitates the patching in densely populated areas in the data centre.

The length between the 2 MTP-connectors is variable and can be increased in steps of 1m. The "X" in the N-number equals Xm.

* MTP is a trade name of US Conec

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LANmark-OF Patch Cord Female MTP PRO - Female MTP PRO OM4 LSZH xm Violet

Characteristics

Construction characteristics	
Colour	Violet
Fiber optic type	OM4 50/125
Outer sheath	LSZH-FR
Dimensional characteristics	
Nominal outer diameter (mm)	2.5 mm
Mechanical characteristics	
Crush resistance (IEC 60794-1-E3)	50 N/cm
Mechanical resistance to impacts (IEC 60794-1-E4)	10 impacts of 1 N.m
Transmission characteristics	
Insertion Loss, maximum, dB	0.25 dB
Return Loss, Minimum, dB	20 dB
Usage characteristics	
Minimum static operating bending radius	30 mm
Operating temperature, range	0...60 °C

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