

## MDC/LC-UNIBOOT DUPLEX PATCHCORD

### APPLICATIONS

- Data Centers;
- Storage Area Network.



### PRODUCT FACTS

High quality patchcords with MDC® and LC-Uniboot connectors. MDC® connectors has VSFF – very small form factor. 1,25 mm ferrule technology used in industry standard LC and MDC® connectors. MDC® connectors has easy polarity changes without the need for tools and without exposing or twisting delicate fibers. Flexible and robust strain relief push-pull-boot for Insertion and extraction in MDC® connectors. The new format will support four individual MDC® cables in a QSFP footprint and two individual MDC® cables in an SFP footprint.

### PRODUCT SPECIFICATIONS

CABLE PARAMETERS	
Fiber Count	2
Cable Construction	Round cable
Jacket Material	FRNC compound
Jacket Colour	SM Yellow or MMF Aqua (OM3)
Fiber Type	SM OS2 or MMF (OM3)
Outer Diameter	1,85 mm
CONNECTORS PARAMETERS	
Interface, Connector A	MDC Sr. SM/MM
Interface, Connector B	LC SM/MM
Compliance, Connector A	Telcordia GR-326, TIA-568
Compliance, Connector B	IEC-61754-20; TIA-604-10
Colour, Connector A	SM Green (APC)/Blue (PC) or MMF Aqua (OM3)
Colour, Connector B	SM Green (APC)/Blue (PC) or MMF Aqua (OM3)
Colour, Boot Connector A	Black
Colour, Boot Connector B	Light gray / Black / White
Polish type, Connector A	MM Flat (PC) / SM Angled (APC) / SM Flat (UPC)
Polish type, Connector B	MM Flat (PC) / SM Angled (APC) / SM Flat (UPC)
Insertion Loss, Connector A, max	< 0,25 dB @850/1300 nm for MM; @1310 nm for SM (According to IEC 61300-3-4, Method B)
Insertion Loss, Connector B, max	< 0,25 dB @850/1300 nm for MM; @1310 nm for SM (According to IEC 61300-3-4, Method B)
Return Loss, Connector A, min	> 20 dB @850/1300 nm for MM PC; > 50 dB @1310/1550 nm for SM UPC; > 60 dB @1310/1550 nm for SM APC (According to IEC 61300-3-6)
Return Loss, Connector B, min	> 20 dB @850/1300 nm for MM PC; > 50 dB @1310/1550 nm for SM UPC; > 60 dB @1310/1550 nm for SM APC (According to IEC 61300-3-6)
Connector A, quantity	1
Connector B, quantity	1



<b>Polarity</b>	A/B - B/A "straight", A/A - B/B "flipped"
<b>TEMPERATURE RANGE</b>	
<b>Installation</b>	- 5°C +50 °C
<b>Operation</b>	- 10°C +70 °C
<b>Storage</b>	- 25°C +70 °C
<b>IDENTIFICATION</b>	
	Traceability label with unique serial number on both ends of cable assembly. Batch and product number with barcode on packaging label.
<b>PACKAGING</b>	
	Each patchcord in sealed LDPE bag with zip-lock. Main transport package is a cardboard box.