

MTP(16) TO MDC BREAKOUT ASSEMBLY OM4

FO Breakout Assembly 16 x 50/125 OM4, MTP(16)APCf/MDC, Push-Pull-Boot, type UW, LSZH, ULL

MTP(16) TO MDC BREAKOUT ASSEMBLY (also called a fan-out or harness cable) is a high-density fiber optic assembly used to transition from a single 16-fiber connector to multiple individual VSSF MDC duplex connectors. It is designed primarily for the transition from duplex applications to high-speed parallel optical applications. High-quality MTP® and MDC® connectors provide very low insertion loss and reliable long-term support for high-speed network applications.

Can be used for connecting both inside the rack and between the racks of the row.



SPECIFICATION

SKU	FO Breakout Assembly 16 x 50/125 OM4, MTP(16)APCf/MDC, Push-Pull-Boot, type UW, LSZH, ULL
Fiber Type	OM4 50/125 MMF
Fiber Count	16
Connector A	16F MTP APC female
Connector B	2F MDC Push-Pull-Boot
Polarity	Type UW
Loss Class	Ultra Low Loss
Connector A Insertion Loss	≤ 0,1 dB (typ.); ≤ 0,2 dB (max.)
Connector A Return Loss	≥ 50 dB
Connector B Insertion Loss	≤ 0,1 dB (typ.); ≤ 0,2 dB (max.)
Connector B Return Loss	≥ 35 dB
Cable Structure	Single Jacket
Cable Attenuation	≤ 2,3 dB/km @850 nm; ≤ 0,6 dB/km @1300nm
Cable Outside Diameter	3 mm
Cable Jacket	LSZH
Min. Bend Radius	20/10D (Dynamic/Static)
Tensile Strength	Cable: 200 N (Installation); 100 N (In Service)
Breakout Length	1000 mm
Operating Temperature	-10 to 50°C
Storage Temperature	-20 to 60°C

Part Numbers