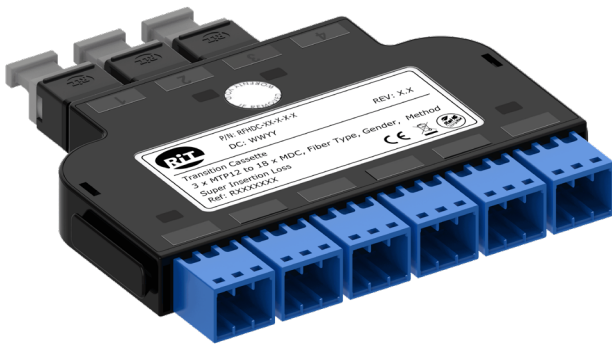




Xlight Fiber Optic UHD MDC™-MTP™ Transition Cassettes

Fiber | **Xlight F/O UHD CASSETTES**



Unique Slide-In Xlight fiber optic ultra- high density MDC-MTP transition cassettes are part of RiT's Xlight F/O UHD Cassette Tray system. MDC (Mini Duplex) connectors deliver up to 3x higher port density per rack unit, enabling ultra-compact fiber deployments. Designed for Data Center 200G/400G/800G optimization.

PRODUCT FEATURES

- Cassettes with 36 Fibers each and up to 12 cassettes in 1U Xlight F/O UHD Tray (432 fibers)
- Fiber Types :
 - Multimode -OM4/5 50/125µm, Bend-Insensitive
 - Singlemode - OS2 9/125µm, ITU-T G.657.A2
- Front Connectivity :6x3 MDC Dual-Channel ports
- Rear connectivity :3 MTP Ports with interchangeable polarity
- Low insertion loss performance as standard
- Plastic materials: UL94-V0

APPLICABLE STANDARDS

TIA/EIA-568.3-E
IEEE 802.3df 2024 (200G/400G/800G)
MTP™ Connectors and Adapters:
TIA/EIA-604 FOCIS-5
MDC Connector and Adapters:
IEC 61754-37
ISO/IEC 11801
UL94-V0
RoHS Complaint

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SPECIFICATIONS

Plastic cassette materials	PC/ABS Resin
Flammability rate	Flame Retardant, UL 94-V0
Single Mode Fiber Type	9/125µm, G657A2/G657B3
Multimode Fiber Type	50/125 µm, OM4,OM5, Bend-Insensitive
MTP™ Adapters & Connectors	US Conec MT Ferrules, Elite
MDC™ Dual Channel adapters	MM OM4 - Aqua MM OM5 - Lime Green SM UPC - Blue SM APC - Green
Performance	MM Cassettes: IL≤0.35dB (MDC+MTP connectors), RL ≥25dB SM Cassettes: IL≤0.35dB (MDC+MTP connectors), RL ≥60dB (APC)
Durability	≤0.2dB & 500 mating cycles
Operating temperature	-20°to +60°C
Storage temperature	-25°to +70°C
Weight	≤ 100 g
Packaging Weight	≤ 250 g
Shipping Dimensions (HxWxD)	30x160x180mm

ORDERING INFORMATION

Part Number

R FHD C - - - - -

1

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1 Select Cassette Type

17 - Transition, 36 Fibers, 3xMTP-18xMDC
18 - Transition, 24 Fibers, 2xMTP-12xMDC

2 Select MDC Adapter and Polish

AS - MM, OM4, Aqua, with Shutters
LS - MM, OM5, Lime Green, with Shutters
BS - SM (UPC), Blue, with Shutters
GS - SM (APC), Green, with Shutters
A0 - MM, OM4, Aqua, with Dust Cover
L0 - MM, OM5, Lime Green, with Dust Cover
B0 - SM (UPC), Blue, with Dust Cover
G0 - SM (APC), Green, with Dust Cover

3 Select Fiber Type

1 - SM, G657A2
2 - SM, G657B3
8 - MM,OM4 BI
9 - MM,OM5 BI

5 Select Polarity

A - Method A
B - Method B
U - Universal

4 Select MTP Gender (Back)

M - Male
F - Female

Example:

RFHDC-17-AS-8-M-U- Xlight F/O UHD MDC™-MTP™ Transition Cassette, 36 Fibers, MM, OM4 BI, Male, Method Universal