



4MPO/MTP®-MDC(48F) Metal Module Cassettes

Match for UltraX/Y/N/S Series Enclosures

Description

T&S optical module cassettes in the MDC Series are designed to efficiently break out four MPO/MTP® connectors into USCONEC MDC connectors. This metal cassette accommodates up to 192 channels within a 1U space, significantly simplifying the deployment of ultra-high-density optical networks. It is an ideal choice for projects requiring compact cabling solutions and ensures a seamless upgrade for existing installations.



SM MDC/UPC-MPO/MTP®



SM MDC/APC-MPO/MTP®



MM(OM3) MDC/PC-MPO/MTP®



MM(OM4) MDC/PC-MPO/MTP®

Optic Performance

Parameters	SM	SM	MM(OM3)	MM(OM4)
	MDC/UPC-MPO/MTP®	MDC/APC-MPO/MTP®	MDC/PC-MPO/MTP®	MDC/PC-MPO/MTP®
Max Insertion Loss (dB)	0.6	0.6	0.6	0.6
Typical (dB)	0.35	0.35	0.30	0.30
Min Return Loss (dB)	55	60	20	20

General Information

Cassette Material	Front Adapter	Rear Adapter	Adapter Color (Front)	Adapter Color (Rear)
Aluminum	MDC(Triple)	MPO/MTP®	Blue/Green/Aqua/Heather Violet	Black/Gray/Yellow ^①
Capacity	Standard	Dimension(mm)	Weight(g)	Applications
48F	RoHS/REACH	109.5x35x140	244 ^②	Match for UltraX/Y/N/S Enclosure

① More housing colors are available upon request;
② The weight includes the weight of the front and rear adapters, but excludes the weight of the cables.

