

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

Match for UltraX/Y/N/S/M Series Enclosures



## Description

T&S optical module cassettes in the MDC Series are designed to efficiently break out four MPO/MTP® connectors into MDC connectors. Four metal cassettes accommodate 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	Unit	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

Items	Unit	Details
Material	-	Metal
Front Adapter	-	MDC (Triple)
Rear Adatper	-	MPO/MTP®
Adapter Color (Front)	-	Blue/Green/Aqua/Heather Violet
Adapter Color (Rear) <sup>①</sup>	-	Black/Gray/Yellow
Capacity	-	48F
Standard	-	RoHS/REACH
Dimension	mm	109.5x35x140
Weight <sup>②</sup>	g	244
Applications	-	Match for UltraX/Y/N/S/M Enclosure

**Notes:**

- 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.

## Drawing

