

4MPO/MTP®-MDC(64F) Plastic Module Cassettes

Match for UltraX/Y/N/S Series Enclosures

Description

T&S optical module cassettes in the MDC family are designed to efficiently break out four MPO/MTP® connectors into USCONEC MDC connectors, accommodating up to 256 channels in a 1U space.

This optimized design greatly simplifies the deployment of ultra-high-density optical networks, making it an ideal choice for projects requiring compact cabling solutions. It also ensures a smooth 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)
PC+ABS	MDC(Quad)	MPO/MTP®	Blue/Green/Aqua/ Heather Violet	Black/Gray/Yellow®
Capacity	Standard	Dimension(mm)	Weight(g)	Applications
64F	RoHS/REACH	95x35x145.5	90 ^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.

