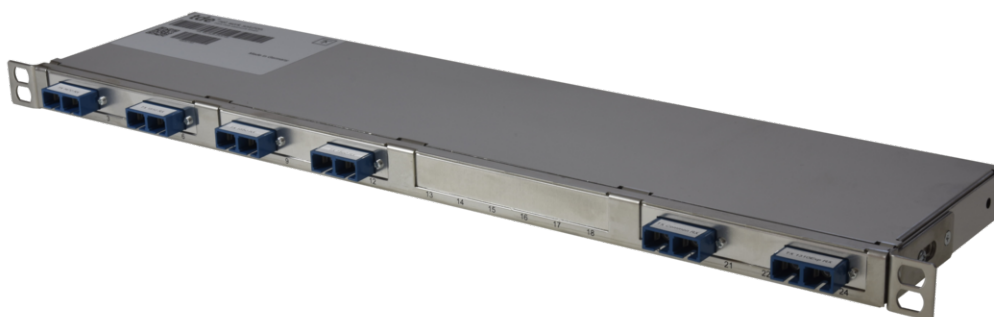


tMI - tde MiniMetro CWDM Mux/Demux 4+1 Channel Dual Fiber 19" 1/2U



tde - MiniMetro CWDM Mux/Demux

tMI - tde - MiniMetro CWDM Mux/Demux. Dual Fiber Input/Output Module. Wavelengths from 1271-1611nm at 20 nm spacing. The unit has 4 channels with one expansion/monitor channel from 1260-1350nm. This product is designed for launching and receiving 8 wavelengths and an upgrade port in the same package using 2 fibers for transport. Suited for jumper/connectors or standard duplex transceivers. Mechanical packaging configured for standard 1/2U 19" rack mount applications.

- Protocol transparent up to 100Gbps
- Up to 16 protocol transparent channels using one pair of fibers
- No power supply required



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tMI - tde MiniMetro CWDM Mux/Demux 4+1 Channel Dual Fiber 19" 1/2U

Technical Data

Mux/Demux

Channel center wavelengths (select four)	1470, 1490, 1510, 1530, 1550, 1570, 1590, 1610 nm
Expansion Port	1260 ~ 1360 nm
Channel center wavelength separation	20 nm
Channel bandwidth at channel insertion loss	$\lambda c \pm 6.5$ nm
Insertion loss (1310 nm)	≤ 0.8 dB
Link loss with mux/demux combination	≤ 1.8 dB (without connectors)
Return loss	≥ 45 dB
Adjacent channel isolation	≥ 30 dB
Non-adjacent channel isolation	≥ 40 dB
Polarization dependent loss	≤ 0.1 dB
Fibertype	G657A
Operating temperature	-40°C to +85°C
Storage temperature	-40°C to +85°C

Part number

TMI	4-	X- (Wavelengths)	YYY- (Connector)	E
tde MiniMetro	Channel	1 = 1510, 1530, 1550, 1570 nm	E2U = E2000 UPC	Expansion Port
		2 = 1550, 1570, 1590, 1610 nm	E2A = E2000 APC	
		3 = 1470, 1490, 1510, 1530 nm	LCU = LC UPC	
		4 = 1470, 1510, 1550, 1590nm	LCA = LC APC	
			SCU = SC UPC	
			SCA = SC APC	

Product variants & accessories

Art.-No.	Description
TMI4-X-YYY-E	tMI - tde MiniMetro CWDM Mux/Demux 4+1 Channel Dual Fiber 19" 1/2U
TMI8-X-YYY-E	tMI - tde MiniMetro CWDM Mux/Demux 8+1 Channel Dual Fiber 19" 1/2U