tMI - tde MiniMetro CWDM Mux/Demux 8+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.

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\*\*CWDM

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

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| Channel center wavelengths (select four) | 1311, 1331, 1351, 1371, 1391, 1411, 1431, 1451, 1471, 1491, 1511, 1531, 1551, 1571, 1591, 1611 nm |
| Expansion Port | 1260 - 1360 nm |
| Channel center wavelength separation | 20 nm |
| Channel bandwidth at channel insertion loss | λc ± 6.5 nm |
| Insertion loss (1310 nm) | ≤ 0.8 dB |
| Link loss with mux/demux combination | ≤ 3.1 dB |
| Return loss | ≥ 50 dB |
| Adjacent channel isolation | ≥ 30 dB |
| Non-adjacent channel isolation | ≥ 50 dB |
| Channel uniformity with mux/demux combination | ≥ 1.25 dB |
| Polarization dependent loss | ≤ 0.1 dB |
| Fibertype | G657A |
| Operating temperature | -40°C to +85°C |
| Storage temperature | -40°C to +85°C |

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| TMI | 8- | X- (Wavelengths) | YYY- (Connector) | E |
| tde MiniMetro | Channel | 1 = 1471, 1491, 1511, 1531, 1551, 1571, 1591, 1611 nm | E2U = E2000 UPC | Expansion Port |
|  |  | 2 = 1311, 1331, 1351, 1371, 1391, 1411, 1431, 1451 nm | E2A = E2000 APC |  |
|  |  |  | LCU = LC UPC |  |
|  |  |  | LCA = LC APC |  |
|  |  |  | SCU = SC UPC |  |
|  |  |  | SCA = SC APC |  |