



PASSIVES DATA SHEET

40 Channel Dual Fiber DWDM Mux/ Demux ITU Ch. 20 – 59 + 1310nm Channel

Champion ONE's DWDM passive networking products for inside-plant applications provide a cost-effective, high-reliability solution to fiber capacity challenges.

Technical Specifications

WAVELENGTH INFORMATION

DWDM channel wavelengths: ITU Ch.20–59, 100GHz spacing MON operating wavelength: 1260–1620nm Passband width: ITU \pm 0.11nm

FORM FACTOR AND CONNECTOR TYPES LC/UPC connector (all ports)

DIMENSIONS (LXWXH)

Body: 250 x 440 x 44 mm Faceplate: 482.6 x 44mm

TEMPERATURE RANGE

-10° C to 75° C (operating) -40° C to 85° C (storage)

WARRANTY All feature a limited 5-year warranty

COMPLIANCES

RoHS compliant Telcordia GR-1209, GR-1221

Parameter	Value
DWDM Channel Insertion Loss (dB)	≤ 6.3
MON Port Insertion Loss (mux/demux, dB)	≤ 25.3 / 19.0
Passband Ripple (dB)	≤ 0.5
Adjacent Channel Isolation between DWDM Channels (dB)	≥ 30
Non-Adjacent Channel Isolation Between DWDM Channels (dB)	≥ 40

Parameter	Value
Polarization Dependent Loss (dB)	≤ 0.2
Directivity (dB)	≥ 50
Return Loss (dB)	≥ 45
Polarization Mode Dispersion (ps)	≤ 0.2
Fiber Type	SMF-28e+ 900 µm
Max Power Handling (mW)	300

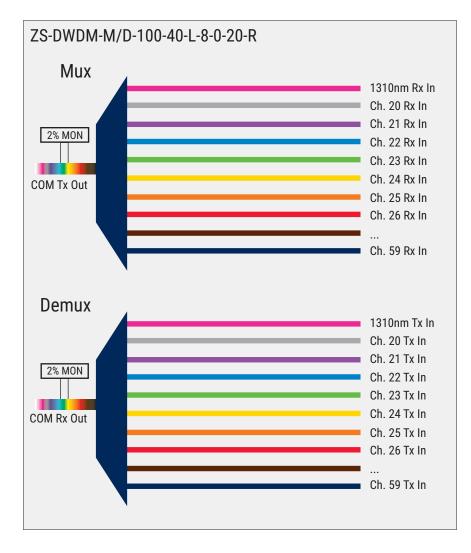
Ordering Information

C1 Part Number	Description
ZS-DWDM-M/D-100-40-L-8-0-20-R	DWDM M/D 100GHz 40 Chl, LC, 8 skip 0, Ch 20 start, 2% Mon, 1310PB, 1RU





Network Diagram



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