

NXD40-2160-M3-IL4

40 Channels DWDM Mux Demux, 100GHz C21-C60, 1U Rack Mount

Optical Requirements

- Channel Number : 40 Channels
- Central wavelength : C21-C60
- Special Port : Monitor, 1310nm Port
- Technology : AAWG (Gaussian)
- Insertion Loss : $\leq 5.5\text{dB}, 4.5\text{dB Typical}$
- Channel Spacing : 100GHz (0.8nm)
- Passband : $\pm 0.11\text{nm}$
- Pass Band ripple : $\leq 0.5\text{dB}$
- Adjacent Channel Isolation : $\geq 25\text{dB}$
- Non adjacent Channel Isolation : $\geq 29\text{dB}$
- Return Loss : $\geq 40\text{dB}$
- Directivity : $\geq 40\text{dB}$
- Polarization Dependent Loss : $\leq 0.7\text{dB}$
- Polarization Mode Dispersion : $\leq 0.5\text{ps}$



Environmental Requirements

- Operating Temperature : -5°C to $+65^{\circ}\text{C}$
- Storage Temperature : -40°C to $+85^{\circ}\text{C}$

Mechanical Requirements specifications

- Form Factor : Rack-mount 19" 1U
- Dimension : approx. $44 \times 440 \times 230\text{ mm}$
- Connector Type : LC/UPC
- Fiber Type : Dual Fiber
- Housing : 1U rack-mount chassis

Note : Mechanical dimensions may vary depending on the selected form factor