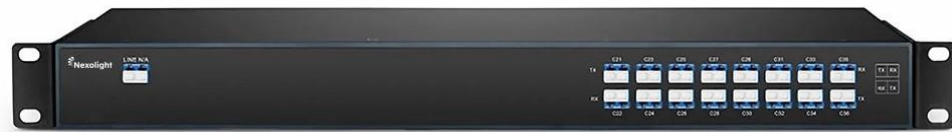


NXD16-2136-A-IL4

16 Channels DWDM Mux Demux, 100GHz C21-C36, Side-A, 1U Rack Mount

Optical Requirements

- Channel Number : 16 Channels
- Central wavelength : Tx : C45-C60 and Rx : C21-C36
- Special Port : No
- Technology : AAWG (Gaussian)
- Insertion Loss : $\leq 4.8\text{dB}, 4.0\text{dB}$ Typical
- Channel Spacing : 100GHz (0.8nm)
- Passband : $\pm 0.11\text{nm}$
- Pass Band ripple : $\leq 1.5\text{dB}$
- 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 : Single Fiber
- Housing : 1U rack-mount chassis

Note : Side A and Side B modules must be used as a matched pair to form a complete single fiber DWDM link