

# NXD16-2136-ME3-IL4

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

### Optical Requirements

- Channel Number : 16 Channels
- Central wavelength : C21-C36
- Special Port : Monitor, Expansion and 1310nm Port
- Technology : TFF (Thin Film Filter)
- Insertion Loss :  $\leq 4.9\text{dB}$ , 4.4dB Typical
- Channel Spacing : 100GHz (0.8nm)
- Passband :  $\pm 0.11\text{nm}$
- Pass Band ripple :  $\leq 0.5\text{dB}$
- Adjacent Channel Isolation :  $\geq 30\text{dB}$
- Non adjacent Channel Isolation :  $\geq 40\text{dB}$
- Return Loss :  $\geq 45\text{dB}$
- Directivity :  $\geq 45\text{dB}$
- Polarization Dependent Loss :  $\leq 0.3\text{ dB}$
- Polarization Mode Dispersion :  $\leq 0.1\text{ps}$



### Environmental Requirements

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

### Mechanical Requirements specifications

- Form Factor : Rack-mount 19" 1U
- Dimension : approx. 44 × 440 × 230 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