

NXD8-2135-A-E-IL4

8 Channels DWDM Mux Demux, 100GHz C21-C35, Side-A, LGX Box

Optical Requirements

- Channel Number : 8 Channels
- Central wavelength : Tx: C22-C36 and Rx: C21-C35
- Special Port : Expansion Port
- Technology : TFF (Thin Film Filter)
- Insertion Loss : $\leq 4.6\text{dB}$, 4.2dB 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°C to $+85^{\circ}\text{C}$
- Storage Temperature : -40°C to $+85^{\circ}\text{C}$

Mechanical Requirements specifications

- Form Factor : Plug-in LGX Module
- Dimension : approx. $220 \times 200 \times 40\text{ mm}$ (H $\times$ W $\times$ D)
- Connector Type : LC/UPC
- Fiber Type : Single Fiber
- Housing : Pluggable Module

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