

NXC8-1416-E-IL3

8 Channels CWDM Mux Demux, 1470-1610nm, LGX Box

Optical Requirements

- Channel Number : 8 Channels
- Central wavelength : 1470-1610 nm
- Special Port : Expansion Port
- Technology : TFF (Thin Film Filter)
- Insertion Loss : $\leq 3.5\text{dB}$, 3.1dB Typical
- Channel Spacing : 20 nm
- Passband : ± 6.5 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 : ≤ 0.3 dB
- Polarization Mode Dispersion : ≤ 0.2 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. $220 \times 200 \times 40$ mm (H $\times$ W $\times$ D)
- Connector Type : LC/UPC
- Fiber Type : Dual Fiber
- Housing : Pluggable Module

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