

NXC8-1214-IL2

8 Channels CWDM Mux Demux, 1270-1450nm (Skip 1390, 1410nm), LGX Box

Optical Requirements

- Channel Number : 8 Channels
- Central wavelength : 1270–1450 nm (Skip 1390 / 1410 nm)
- Special Port : No
- Technology : TFF (Thin Film Filter)
- Insertion Loss : $\leq 3.0\text{dB}$, 2.5dB 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 : $\leq 0.1\text{ps}$



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 × 200 × 40 mm (H × W × D)
- Connector Type : LC/UPC
- Fiber Type : Dual Fiber
- Housing : Pluggable Module

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