

# NXC8-1416-ME-IL2

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

### Optical Requirements

- Channel Number : 8 Channels
- Central wavelength : 1470-1610 nm
- Special Port : Monitor, Expansion and 1310nm Port
- Technology : TFF (Thin Film Filter)
- Insertion Loss :  $\leq 2.4$  dB (Typical)
- Channel Spacing : 20 nm
- Passband :  $\pm 6.5$  nm
- Pass Band ripple :  $\leq 0.5$ dB
- Adjacent Channel Isolation :  $\geq 30$ dB
- Non adjacent Channel Isolation :  $\geq 40$ dB
- Return Loss :  $\geq 45$ dB
- Directivity :  $\geq 45$ dB
- Polarization Dependent Loss :  $\leq 0.3$ dB
- Polarization Mode Dispersion :  $\leq 0.1$ ps



### Environmental Requirements

- Operating Temperature : -40° C to +85° C
- Storage Temperature : -40° C to +85° C

### Mechanical Requirements specifications

- Form Factor : Plug-in LGX Module
- Dimension : approx. 190 × 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