

# NXC9-1215-A-IL2

## 9 Channels CWDM Mux Demux, 1270-1590nm, Side-A, LGX Box

### Optical Requirements

- Channel Number : 9 Channels
- Wavelengths : Tx : 1290-1610nm ; Rx : 1270-1590nm
- Special Port : No
- Technology : TFF (Thin Film Filter)
- Insertion Loss :  $\leq 2.6$  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 :  $-40^{\circ}$  C to  $+85^{\circ}$  C
- Storage Temperature :  $-40^{\circ}$  C to  $+85^{\circ}$  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 : 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 CWDM link