

NXC18-1216-M-IL5

18 Channels CWDM Mux Demux, 1270-1610nm, 1U Rack Mount

Optical Requirements

- Channel Number : 18 Channels
- Central wavelength : 1270-1610 nm
- Special Port : Monitor Port
- Technology : TFF (Thin Film Filter)
- Insertion Loss : $\leq 5.5\text{dB}$, 5.0dB 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 : Rack-mount 19" 1U
- Dimension : approx. 44 × 440 × 230 mm
- Connector Type : LC/UPC
- Fiber Type : Dual Fiber
- Housing : 1U rack-mount chassis

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