

Compact 1x16 DWDM

BRT-DWDM100-16

Features	Applications
Based thin film filter technology, free space, Temperature independent performance; Extremely compact and ultra-low insertion loss	Mux or Demux, Combine/separate 16 Channels with 100/200GHz spacing where compact size or ultra-low insertion loss is required.
Optical Parameters	Specifications
Channel Plan (Wavelength nm)	ITU Grid of S-, C-, or L-band
Passband (0.5 dB)	≥ 0.24 nm
Insertion Loss (dB)	Maximum 3.0 (Standard) with uniformity <1.5 Maximum 2.5 (Premium) with uniformity <1.0
Polarization Dependent Loss (dB)	≤ 0.30
Adjacent Channel Isolation (dB)	≥ 30
Non-Adjacent Channel Isolation (dB)	≥ 40
Mechanical	
Dimension (mm)	6.5x23.6x31mm
Fiber	250 um Corning ClearCurve Fiber, 0.9mm or 0.6mm loose tube
Environmental	
Operating Temperature Range (°C)	-5 to 70
Storage Temperature (°C)	-40 to 85

