

AWG CWDM4 Mux/Demux Module



Performance Specifications

Parameter	Demux Specification
Operating Wavelength (nm)	1260 ~ 1660
Channel Spacing (nm)	20
Channel (nm)	1271,1291,1311,1331
Center Wavelength Tolerance (nm)	±1
Pass Band width@1dB Down (nm)	≥12
Pass Band width@3dB Down (nm)	≥15
Insertion Loss @23C (dB)	2.5
Isolation (dB)	≥20
Uniformity (dB)	≤1.0
TDL (dB)	≤0.50
PDL (dB)	≤0.50
Operation Temperature Range (°C)	0~+70
Storage Temperature Range (°C)	-40~+85
Power Handling (mW)	300
Tensile Load (N)	5
Size (mm)	L9.5 x W1.6 x T1.2
Fiber Jacket	G657B3 350um Tight buffer
Fiber Length (mm)	24.5±1mm
Connector Types	LC/UPC Receptacle



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Parameter	Mux Specification
Operating Wavelength (nm)	1260 ~ 1660
Channel Spacing (nm)	20
Channel (nm)	1271,1291,1311,1331
Center Wavelength Tolerance (nm)	±1
Pass Band width@1dB Down (nm)	≥10
Pass Band width@3dB Down (nm)	≥14
Insertion Loss @23C (dB)	≤3.2
Isolation (dB)	N/A
WDL@ITU±6.5 (dB)	≤1.5
PDL (dB)	≤0.50
Operation Temperature Range (°C)	0~+70
Storage Temperature Range (°C)	-40~+85
Power Handling (mW)	300
Tensile Load (N)	5
Size (mm)	L13.0 x W2.5 x T1.2
Fiber Jacket	G657B3 350um Tight buffer
Fiber Length (mm)	CWDM Channel:33.5+/-1mm COM: 15.5+/-1mm
Connector Types	COM:LC/UPC Receptacle Others: LC ferrule