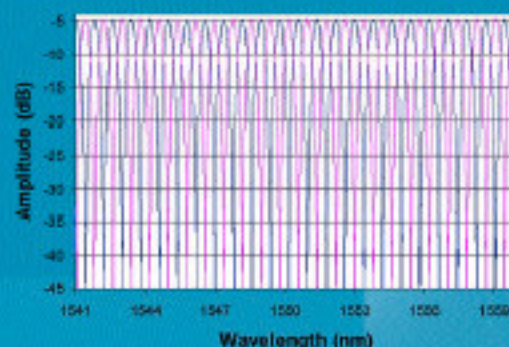


Gould Introduces New Product Developments in the Next Generation of Wavelength Management

λ - Slicer™

Gould Fiber Optics λ - Slicer™ is a compact, all-fiber-based device designed to fulfill DWDM system's increasing demand for bandwidth. The expanding wavelength structure permits multiple incoming wavelengths in one port to be divided into two larger, equally spaced interlaced wavelengths with low insertion loss. The high isolation in the mux/demux configuration allows various applications the capability to pass signals with little disturbance between ports. The innovative passive, athermal package of the λ - Slicer™ provides a compact packaging solution while decreasing the overall power consumption of a system unlike active temperature controlled devices.



Parameter	Mux / Demux	Mux / Demux
Channel Spacing (GHz)	100	50
Channel Count	40 channels	80 channels
Wavelength Range (nm)	1500-1610	1500-1610
Insertion Loss (dB)	≤ 1.5	
Isolation (dB)	> 35	
0.5dB Bandwidth (GHz)	± 15	± 7.5
1.5dB Bandwidth (GHz)	± 26	± 13
3.0dB Bandwidth (GHz)	± 36	± 18
25.0dB Bandwidth (GHz)	± 84	± 42
PDL (dB)	< 0.2	
Channel Crosstalk (dB)	≥ 24 (at ± 15 GHz)	≥ 17 (at ± 10 GHz)
Optical Return Loss (dB)	> 60	
Operating Temp. (°C)	0 to 70	
Package Size (in)	4.0 x 2.25 x 0.35	

Features:

- Low insertion loss
- Channel Spacing: 100 GHz, 50 GHz, and lower
- Low polarization dependent loss
- High isolation
- Passive, Athermal design

Applications:

- DWDM systems
- Add/Drop multiplexing
- Metropolitan networks
- Passive optical networks

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