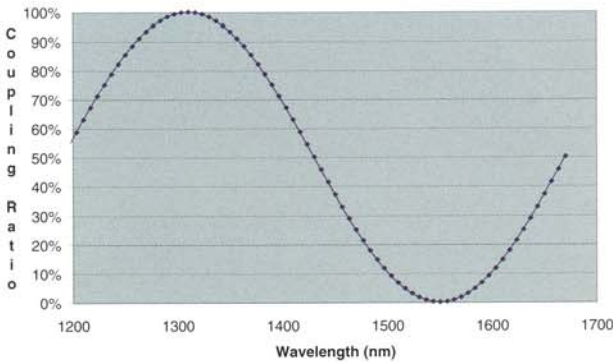


# Wavelength Division Multiplexers

## 1310/1550nm WDMs

Gould WDMs allow multiplication of bandwidth without additional fibers or higher speed electronics.

Wavelength Division Multiplexer



Typical wavelength response for a single stage fused WDM.

### Specifications

	SERIES 1	SERIES 2
Wavelengths	1310/1550	
Bandpass	± 20nm	
Insertion Loss	≤ 0.5dB	
Directivity	≥ 60dB	
Isolation	≥ 10dB	≥ 16dB
Typical Thermal Stability	≤ ± 0.1dB	
Typical Polarization Sensitivity	≤ ± 0.1dB	
Port Configuration	1x2	
Packaging	Comes in package style 12 and can be repackaged into 22, 25, 31 or modular boxes.	

### Product Number: (For Corning SMF-28™ Fiber)

4 0 - \_\_\_\_ 0 3 3 1 - 5 5 - 1 \_\_\_\_ \_\_\_\_ \_\_\_\_ 1

Series  
1 = 10dB  
2 = 16dB

Package  
styles 12, 22,  
25, or 31

Connector  
style 0 = none  
See page 23

## High Isolation Singlemode 1310/1550 WDM

This high isolation, low loss wavelength division multiplexer is achieved by combining Gould's proven FBT technology with in-line high isolation filters. An excellent solution for high data rate digital telephony applications requiring high wavelength isolation with a low insertion loss penalty.

### Specifications

Wavelengths	1310nm/1550nm
Bandpass	± 25nm
Insertion Loss	≤ 1.2dB (1.0dB typical)
Directivity	≥ 55dB
Isolation	≥ 45dB
Port Configuration	1 x 2
Typical Polarization Sensitivity	≤ ± 0.1dB

### Options:

**Packages:** Available in type 41, 42, 43. The High Isolation Singlemode WDM can also be installed in customer supplied enclosures.

### Product Number: (For Corning SMF-28™ Fiber)

4 0 - 5 0 3 3 1 - 5 5 - 1 \_\_\_\_ \_\_\_\_ \_\_\_\_ 1

Package style  
41, 42, or 43

Connector  
style 0 = none  
See page 23