

## ***Product Bulletin***

### **1x3 and 3x3 Monolithic Fused Couplers**

The single-mode monolithic coupler is a compact, low-loss, fused component (1x3 or 3x3) that is bidirectional and provides a means of splitting or combining optical signals. It is designed for use in telecommunications systems, fiberoptics research, and fiber sensors. The coupler utilizes advanced fused-fiber technology and provides optimum performance at 1300 or 1550 nm. Other specified custom wavelengths are available.

#### **Key Features**

- 1x3 and 3x3 ports
- Monolithic construction
- Ultra-compact version available for fiber gyro applications

#### **Applications**

- Fiberoptic sensors
- Fiber gyro

## 1x3 and 3x3 Monolithic Fused Couplers | 2

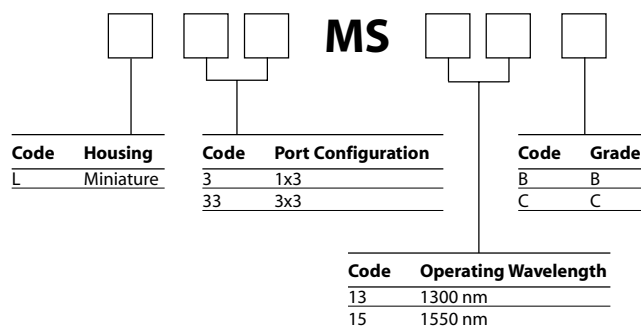
### Specifications

Parameter	1x3 and 3x3 Monolithic Fused Couplers	
Operating wavelength	1300 or 1550 nm	
Port configuration	1x3 or 3x3	
Grade	B	C
Maximum excess loss	0.5 dB	0.8 dB
Maximum insertion loss	6.2 dB	6.5 dB
Coupling ratio tolerance	±6%	±6%
Directivity	50 dB	
Fiber	Corning SMF-28	
Dimensions	Ø 3.0 x 50 mm	
Pigtail length	>1000 mm	

### Ordering Information

Indicate your requirements by selecting one option from each configuration table. Please print the corresponding codes in the available boxes to form your part number. For more information on this or other products and their availability, please contact your JDS Uniphase account manager, or call 1-877-550-JDSU toll free in North America, or visit [www.jdsuniphase.com](http://www.jdsuniphase.com).

### Sample: L33MS15C



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