



# Multimode Fiber Scrambler



## Features

- Low Insertion Loss
- Fully Filled Mode Distribution
- High Environmental Stability

## Applications

- Test and Measurement
- Instrumentation

## Application Notes

Multimode Scrambler is a device that generates a fully filled mode condition inside a multimode fiber, and removes all cladding modes. It will make testing results of multimode fiber optic devices more accurate and repeatable.

## Performance Specifications

Parameter	Specification
Operate Wavelength (nm)	850 or 1310 or 1550 ±40, or custom wavelength
Insertion Loss (Port 1 to 2) (dB)	<0.8
Insertion Loss (Port 2 to 1) (dB)	<0.8
Fiber Type	See Ordering Information
Packaging	See Ordering Information
Dimension (mm)	L83xW15xH10
Connector	See Ordering Information
Fiber Length	See Ordering Information
Operating Temperature(°C)	-40 ~+85
Storage Temperature(°C)	-40 ~+85

## Ordering Information

MSC	<input type="checkbox"/> <input type="checkbox"/>	0101	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
	Wavelength		Fiber Type	Pigtail Style	Fiber Length	In/Out Connector
	85=850nm 13=1310nm 15=1550nm	0101=1x1	1=62.5/125um 2=50/125um	1=Bare Fiber 2=900um Jacket 3=3mm Cable	1=1m 2=2m	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC