

## Fused Coupler

1x4 to 1x32, multi mode, wide band

### Features

- Low Insertion loss
- Excellent uniformity
- Wide variety of configurations
- Environmentally stable and reliable

### Applications

- Test equipment
- Local Area Networks (LAN)
- Optical fiber sensors
- Video Networks

### Specifications

Multi Mode, Star and Tree Coupler							
Parameter	1x4	4x4	1x8	8x8	1x16	16x16	1x32
Operating Wavelength (nm)	850 & 1310 (others on request)						
Coupling ratio (%)	Average						
Insertion Loss (dB)	7.7	8.4	11.5	12.5	15.5	17.0	18.0
Uniformity (dB)	≤ 0.8	≤ 1.0	≤ 1.2	≤ 1.4	≤ 2.4	≤ 2.6	≤ 2.6
Directivity (dB)	>35						
Operation temp. (° C)	-40 to +70						
Storage temp. (° C)	-50 to +85						
Temp. Coefficient (dB/° C)	<0.003		<0.004		<0.006		
Dimensions (mm)	ABS box	100(L)x80(W)x10(H)		140(L)x90(W)x10.7(H)			
	Metal box	LGX Module 19" 1U Chassis		LGX Module or 19" 1U Chassis		LGX Module 19" 1U Chassis 19" 2U Chassis	

\*\* The specifications listed above do not include the effect of connector loss.

\*\* Connector Type: SC, FC, ST, LC, MU are available.

\*\* Specification values for devices with unbalanced split ratios are available upon request.

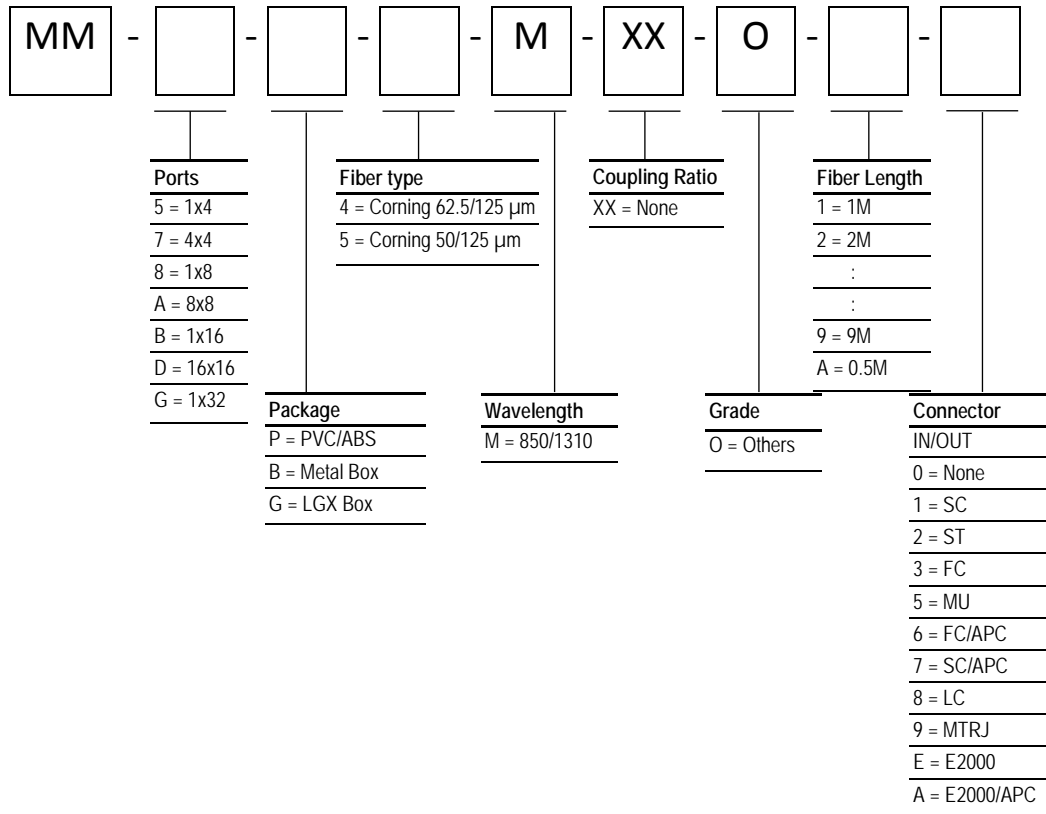


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### Ordering Information

Indicate your requirements by selecting one option from each configuration table. Please write 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 HUBER+SUHNER Cube Optics AG at +49-6131-69851-0 or via email at sales.cubo@hubersuhner.com.

Ordering example: **MM-5-P-4-M-XX-O-2-55**



HUBER+SUHNER Cube Optics AG  
is certified according to ISO 9001.

#### WAIVER

It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical specifications and/or the fitness for any particular purpose. The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.

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