

CPM5 Series: Multimode Single Window Fused Couplers

Parameters	Performance (Excluding connectors)								
Operating Wavelength, λ_o , (nm)	850, 1310, and 1550								
Configuration	1x2 or 2x2								
Split Ratio (%)	10	20	30	40	50	60	70	80	90
Maximum Insertion Loss @ 25 °C (dB)	11.0	8.0	6.5	5.0	4.0	3.3	2.6	1.9	1.3
Maximum TDL (dB)	0.2								
Optical Directivity (dB)	= 40								
Operating temperature (°C)	Bare fiber, 900 μ m loose tube, or Polaxar™ packages: -40 ~ 80 Regular 3mm or 2 mm Jacket: -10 ~ 70°C								
Storage temperature (°C)	-40 ~ 85								
Fiber Type	Multimode 50/125								
Package Dimension (mm)									
Bare Fiber	ϕ 3.0 x 54								
900 μ m Loose Tube	ϕ 3.0 x 60								
3mm or 2mm Jacket	96 x 12 x 6.4								
Polaxar™	100 x 12 x 6.4 (1m cable only)								

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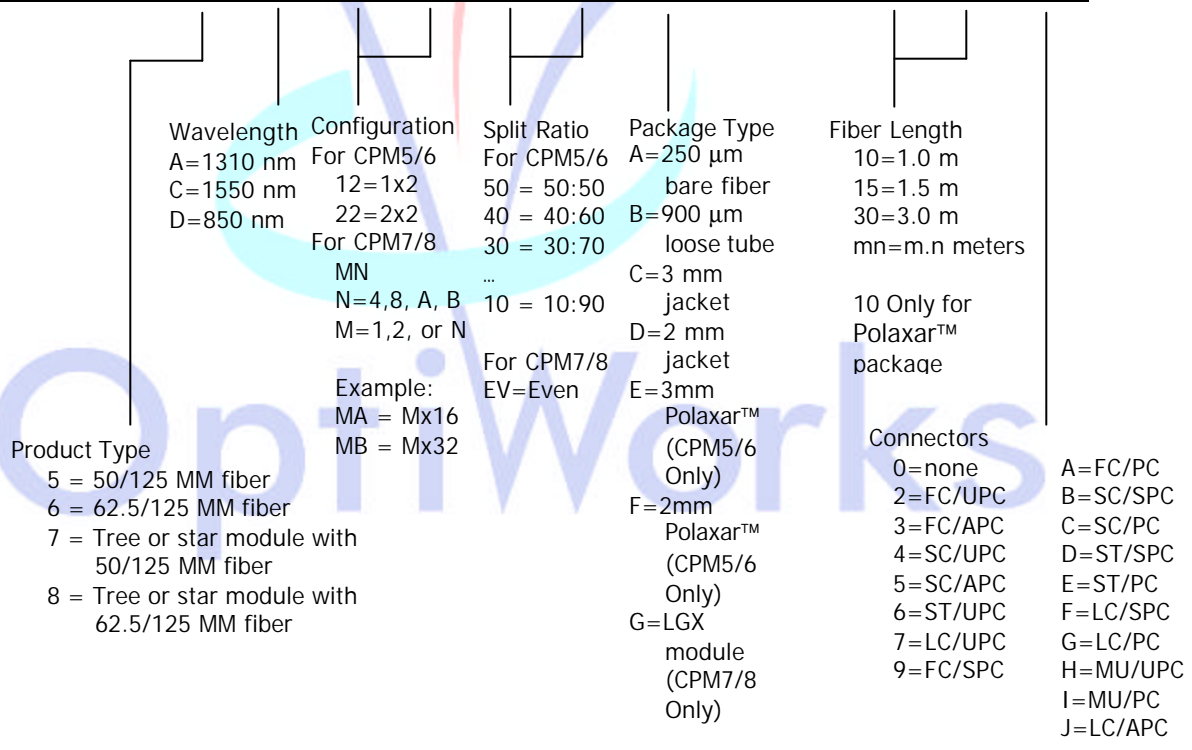
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Product Family: CPM Series

CPM	<p>Multi-mode fused 3-dB couplers operating in the 850 nm, 1310 nm, or 1550 nm region (Center wavelength = λ_c)</p>	<p>CPM5: Single unit MM coupler – 50/125 multimode fiber</p> <p>CPM6: Single unit MM coupler – 62.5/125 multimode fiber</p> <p>CPM7: Tree or star coupler – 50/125 multimode fiber</p> <p>CPM8: Tree or star coupler – 62.5/125 multimode fiber</p>
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Part Number for CPM Family

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