

CPM7 Series: Multimode Single Window Fused Tree or Star Couplers

Parameters	Performance (Excluding connectors)			
Operating Wavelength, λ_o , (nm)	850, 1310, 1550			
Configuration, M=1,2, or N	M x 4	Mx8	Mx16	Mx32
Split Ratio (%)	Even			
Maximum Insertion Loss @ 25 °C (dB)	8.2	12.4	16.6	20.8
Maximum TDL (dB)	0.3	0.45	0.6	0.75
Optical Directivity (dB)	= 40			
Operating temperature (°C)	-40 ~ 80			
Storage temperature (°C)	-40 ~ 85			
Fiber Type	Cultimode 50/125			
Package Dimension (mm)				
900 μ m Loose Tube	Tree: 100 x 64 x 6.4 Star: 100 x 72 x 6.4	Tree: 100 x 72 x 6.4 Star: 100 x 90 x 8	Tree: 100 x 90 x 8 Star: 19" Rack Mount 1-U high	Tree: 100 x 90 x 16 Star: 19" Rack Mount 1-U high
3 mm or 2mm Jacket	Tree: 130 x 64 x 6.4 Star: 130 x 72 x 6.4	Tree: 130 x 72 x 6.4 Star: 130 x 90 x 8	Tree: 130 x 90 x 8 Star: 19" Rack Mount 1-U high	Tree: 130 x 90 x 16 Star: 19" Rack Mount 1-U high, SC Adapter
LGX Module	Tree: 1U Star: 2U	Tree: 2U Star: 3U	Tree: 3U Star: 19" Rack Mount 1-U high, SC Adapter	Tree: 19" Rack Mount 1-U high, SC Adapter Star: 19" Rack Mount 2-U high, SC Adapter

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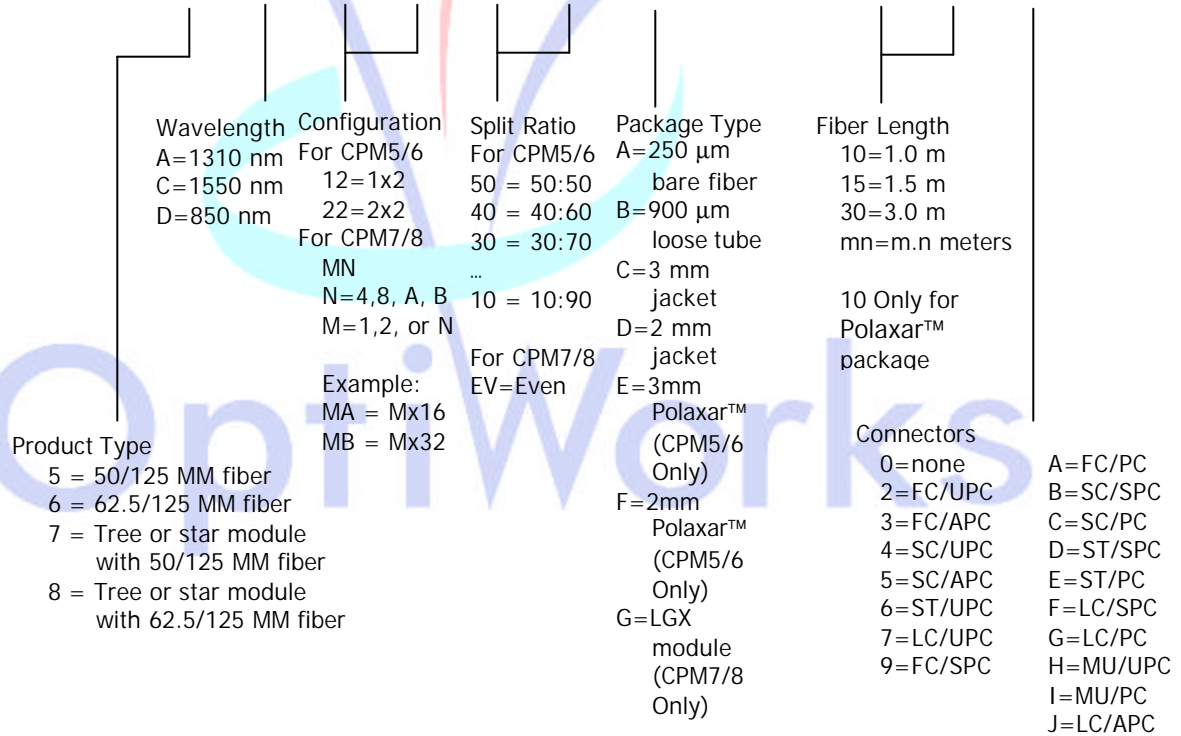
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Product Family: CPM Series

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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