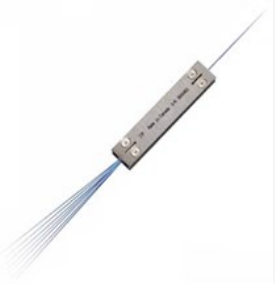
PRODUCT SPECIFICATIONS
PMC0211C3962 Rev. 04
(2+1)x1 Multimode Combiner



Device Characteristics

Configuration	Port Identification	Fiber Type	Notes
Pump input port	Ports 1-3, excluding 2	105/125 um NA=0.22	
Signal input port	Port 2	PM 10/130 um NA=0.15/0.46	
Output port	Port 4	PM 10/130 um NA=0.15/0.46	

Optical Performance Specifications

Parameters	Min.	Typ.	Max.	Units	PDR	Notes
Operating wavelength - Signal	1980		2020	nm		
Operating wavelength - Pump	800		1000	nm		
Maximum insertion loss - Signal			0.35	dB	Yes	1
Maximum insertion loss - Pump			0.5	dB	Yes	1,2
Polarization extinction ratio	20			dB		1
Optical return loss - Pump	35			dB		1,2

Mechanical and Environmental Specifications

Parameters	Value	Notes
Power handling - Pump	50 W/port	3
Power handling - signal	10 W	3
Dimensions	60.0mm x 12.0mm x 6.5mm	
Pigtail length	> 1000mm	4

Note(s)

[1] Parameters are specified at room temperature
[2] Designed to be used at NA=0.17 (95% of energy within NA=0.15)
[3] Heatsinking is required, see application note on website
[4] For safe handling of DCF fiber, see application note on website

This part is considered under development
Specification subject to change without notice.
Made in Canada

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ISO 9001:2015

This Product is ROHS Compliant
EU Directive 2011/65/EC