

Polarization Maintaining 1550nm, 1x2 Optical Coupler

Model: PMPFC-EM-PUL-1550-1x2--10/90-S450m-PM15-FP-250-1-NE



◆ Specification:

Parameter	Unit	Values		Comment
Structure		1*2		
Signal Wavelength	nm	1550 +/- 15		
Coupling Ratio	%	10	90	
Insertion Loss	dB	11/12.2	0.8/1.2	Typ./Max.
Singal Peak Power@1550nm	W	>1.0		
Polarization Extinction Ratio (PER)	dB	>20		Min.
Return Loss@23 °C	dB	≥55		
Fast / Slow Axis	/	Pass / Pass		
Compatible Pulse Specification	/	50MHz, 100fs		
Signal Fiber Type	/	PM1550		
Package Size	mm	Ø3.0*45 (Steel Tube)		
Fiber Length	m	1+/- 0.05		
Diameter	mm	φ 0.25		
RIA@1550nm	dB/m	< 0.02		Exposed optical fiber portion.
Operating Temperature	°C	-35 ~ +70		
Storage Temperature	°C	-45 ~ +80		

RIA: Radiation induced attenuation.

◆ Package Dimension:

