Polarization Maintaining Tap Isolator WDM Hybrid

Features

Low insertion loss High extinction ratio High stability & Reliability

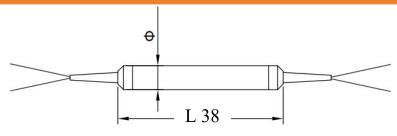
Applications

Fiber Amplifier Fiber sensor Fiber Laser Marking Laboratory R&D

Laboratory R&D				
Parameter	PM Tap Isolator WDM Hybrid		Unit	
	Single stage	Dual stage	Omt	
Signal wavelength range	1530~1565		nm	
Signal tap ratio	$1\pm0.2\%$, $2\pm0.4\%$, $4\pm0.8\%$, $5\pm1.0\%$, $10\pm2.0\%$		%	
Excess loss (only for signal port)	≤1.2	≤1.3	dB	
Extinction ratio (only for signal port)	≥20(Type B)	≥23(Type F)	dB	
Min. signal isolation. @23°C	≥30	≥46	dB	
Reflection band wavelength range	960~990 (or 1460~1490)		nm	
IL over reflection band (Reflect->Common)	≤0.6		dB	
Return loss	≥50		dB	
Directivity	≥50		dB	
Handling power	≤300		mW	
Fiber type	PM fiber for common & pass port; PM fiber		/	
	or SM fiber for Tap and reflect port.			
Operating temperature	-5 to 70		。 C	
Storage temperature	-40 to 85		。C	
Dimensions	Ф5.5× L38		mm	

^{*}Type B: Both axis working, Type F: for Fast axis blocked.

Mechanical Dimension



Ordering Information		
specification	GCPMTIW	
Package size	5.5×38 etc	
Connector	FC/UPC, FC/APC etc	
Fiber code	Specify	
Pigtail type	0=250μm, 1=900μm, 4=others	
Working Axis	F=Fast axis blocked, B=Both axis working	
Pump Type	FP=Forward Pump; BP=Backward Pump;	
Isolator Stage Type	D=Dual stage, S=Single stage	
Tap Ratio	01=1%, 05=5% etc.	
Reflection wavelength	Specify	
Transmission wavelength	Specify	

^{*} IL is 0.3dB (1310~1550nm) or 0.5dB (980nm) higher, RL is 5dB lower and ER is 2dB lower for each connector added. The default connector key is aligned to slow axis.