

3-PORT OPTICAL (TGGE TYPE) CIRCULATOR: POLARIZATION-MAINTAINING (PM) (405 nm)

Specifications

Contact Ascentta with your custom specification needs.

Parameter	Unit	Value	
Wavelength	nm	405±5	
Transmitting Direction	-	1→2, 2→3	
Isolation (23°C, All SOP) (2→1, or 3→2)	Typ.	dB	23
	Min	dB	20
Insertion Loss (Fast Axis Block) (1→2, or 2→3)	Typ.	dB	2.0
	Max	dB	2.5
Extinction Ratio	Min	dB	16
Return Loss	Min	dB	45
Directivity (1→3, or 3→1)	Min	dB	45
Optical Power Handling	Max	mW	30
Fiber Type	-	PMS405XP	
Package Dimension	mm	Φ15 x L55	
Operating Temperature	°C	10 to 50	
Storage Temperature	°C	0 to 60	

* The above specifications are for parts without connectors. Adding connectors can affect the IL, RL, & PDL.

* Connector key is aligned to slow axis.

Ordering Information

Contact Ascentta with your custom configuration needs.

PMVCIR	Port	Wavelength	Fiber Type	Cable Type	Fiber Length	Connector	Max Power* (Optional)	Package (Optional)
PMVCIR	3=3-Port	405=405nm	PMS405XP	B=250um	10=1.0m	NE=None	X=Others	X=Others
		X=Others	X=Others	L=900um	15=1.5m	FA=FC/APC		
				H=3mm	20=2.0m	FC=FC/PC		
				X=Other	30=3.0m	SA=SC/APC		
					X=Others	SC=SC/PC		
						ST=ST/PC		
						LA=LC/APC		
						LC=LC/PC		
						X=Others		

*Max. Power affects other specifications.

Package Dimensions

