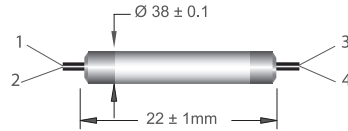


- Low Insertion Loss
- High Isolation
- Highly Stable & Reliable

MINI 2 IN 1 POLARIZATION INSENSITIVE ISOLATOR



The Twin Isolator integrates two independent isolators into one standard isolator package and is excellently suited for EDFAs or instrumentation designs where two or more isolators are used.

The Twin Isolator offers excellent temperature stability, low insertion loss, high isolation, low temperature dependence and great space saving.

SPECIFICATIONS*

PARAMETERS	DUAL STAGE		UNIT
	GRADE P	GRADE A	
Center Wavelength (λ_c)	1550		nm
Typ. Peak Isolation(Port 4 to Port 1, Port 3 to Port 2)	52	50	dB
Min. Isolation (Port 4 to Port 1, Port 3 to Port 2), $\lambda_c \pm 15$ nm, 23°C, all polarization	40	38	dB
Typ. Insertion Loss (Port 1 to Port 4, Port 2 to Port 3), λ_c , 23°C, all polarization	0.6	0.75	dB
Max. Insertion Loss, (Port 1 to Port 4, Port 2 to Port 3), $\lambda_c \pm 20$ nm, all polarization	0.9	1.0	dB
Min. Return Loss (Input/Output)	55/55	55/55	dB
Directivity (Port 1 to Port 2, Port 3 to Port 4), λ_c , 23°C	55	55	dB
Min. Crosstalk (Port 1 to Port 3, Port 2 to Port 4), λ_c , 23°C	50	50	dB
Max. Polarization Dependent Loss, λ_c , 23°C	0.1	0.2	dB
Max. Polarization Mode Dispersion	0.07	0.1	ps
Max. Optical Power (Continuous Wave)	300		mW
Operating Temperature	-5 to +70		°C
Storage Temperature	-40 to +85		°C

*Note: *IL is 0.5 dB higher and RL is 5 dB lower for each connector added.

ORDER CODES

CODE	STAGE	GRADE	WAVELENGTH	FIBER TYPE	CONNECTOR TYPE	FIBER LENGTH
F4M-TMISO	2	Dual Stage	P Premium	55 1550 nm	25 250µm Bare Fiber	O 05 0.5 m
			A A grade	S Specify	9L 900µm Loose Tube	A 10 1m
				S Specify	B SC/APC	S Specify
					C FC/UPC	
					D FC/APC	
					E LC/UPC	
					Q LC/APC	
				S Specify		

ORDER CODE example:

F4M-TMISO - 2 - P - 55 - 25 - 00 - 10