

TECHNICAL DATASHEET

1310-2050nm 500mW PM Optical Circulator

Product family	Optical Circulators
Key selection	1310-2050nm / 500mW / PM

Technical Specifications

Parameter	Unit	Specification	-	-	-	-	-	-	-
Type	-	Type A	-	Type B	-	Type A	-	Type B	-
Port Type	-	3 Port	4 Port	3 Port	4 Port	3 Port	4 Port	3 Port	4 Port
Center Wavelength	nm	2050,2000,1950	-	-	-	1550,1480,1310	-	-	-
Operating Wavelength Range	nm	±20	-	-	-	-	-	-	-
Typical Insertion Loss @ 23°C	dB	1.4	1.6	1.3	1.5	0.7	1.1	0.6	1.0
Maximum Insertion Loss @ 23°C	dB	1.4	1.6	1.3	1.5	0.9	1.3	0.8	1.2
Typical Peak Isolation @ 23°C	dB	18	-	28	-	46	-	30	-
Minimum Isolation @ 23°C	dB	16	-	26	-	40	-	20	-
Minimum Crosstalk	dB	50	-	-	-	-	-	-	-
Minimum Return Loss	dB	50	-	-	-	-	-	-	-
Working Axis	-	Slow axis operating; fast axis blocked	-	-	-	-	-	-	-
Maximum Optical Power (CW)	mW	500	-	-	-	-	-	-	-
Maximum Tensile Load	N	5	-	-	-	-	-	-	-
Fiber Type	-	PM Panda Fiber	-	-	-	-	-	-	-
Package Dimensions	mm	5.5x35	-	-	-	-	-	-	-
Operating Temperature	°C	-5 to +70	-	-	-	-	-	-	-
Storage Temperature	°C	-40 to +85	-	-	-	-	-	-	-

Configuration Notes

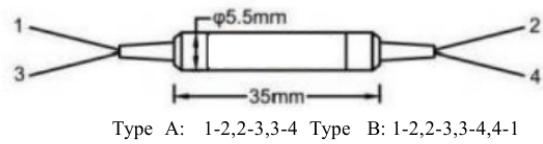
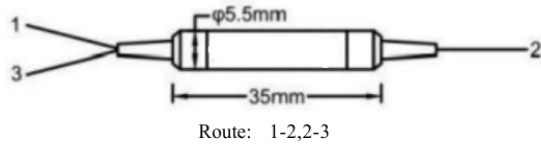
Available wavelength, optical power, fiber, connector, pigtail and package options depend on the selected product configuration. Please include the target application and quantity with your RFQ. Final ordering details are confirmed in the quotation.

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Package Dimensions

1310-2050nm 500mW PM Optical Circulator

Package reference: 5.5x35 / 5x35



Dimensions are shown in millimetres unless otherwise indicated. Final package, pigtail and connector configuration should be confirmed in the quotation.