

TECHNICAL DATASHEET

1310-1550nm 20W High Power Optical Circulator

Product family	Optical Circulators
Key selection	1310-1550nm / 20W

Technical Specifications

Parameter	-	Unit	Specification	-	-	-
Type	-	-	Type A	-	Type B	-
Port Type	-	-	3 Port	-	-	-
Center Wavelength	-	nm	1550,1480,1310	-	-	-
Operating Wavelength Range	-	nm	±20	-	-	-
Typical Insertion Loss @ 23°C	-	dB	0.7	1.1	0.6	1.0
Maximum Insertion Loss @ 23°C	-	dB	0.9	1.3	0.8	1.2
Typical Peak Isolation @ 23°C	-	dB	46	-	30	-
Minimum Isolation @ 23°C	-	dB	40	-	20	-
Minimum Crosstalk	-	dB	50	-	-	-
Minimum Return Loss	-	dB	50	-	-	-
Package Dimensions	Input power ≤5 W	mm	5.5x35	-	-	-
-	Input power ≤10 W	mm	70x12x8	-	-	-
-	Input power ≤20 W	mm	38x18.5x11.5	-	-	-
Maximum Tensile Load	-	N	5	-	-	-
Working Axis	-	-	Slow axis operating; fast axis blocked	-	-	-
Operating Temperature	-	°C	-5 to +70	-	-	-
Storage Temperature	-	°C	-40 to +85	-	-	-

Configuration Notes

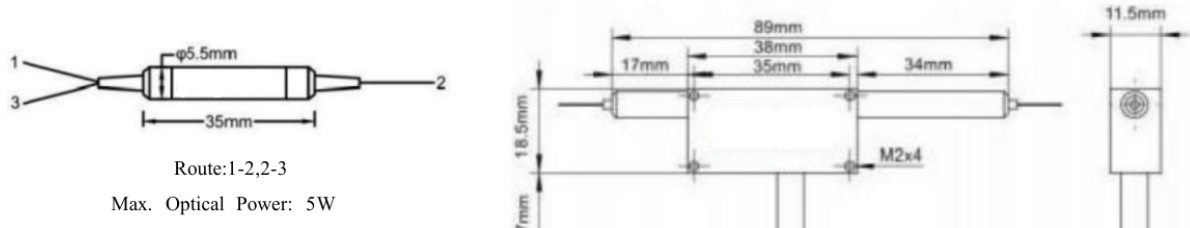
Available wavelength, optical power, fiber, connector, pigtail and package options depend on the selected product configuration. Please include the target application and quantity with your RFQ. Final ordering details are confirmed in the quotation.

www.kernsoptic.com | jenny@kernsoptic.com

Package Dimensions

1310-1550nm 20W High Power Optical Circulator

Package reference: 5.5x35 / 70x12x8 / 38x18.5x11.5 / 5x35 / 38x18 / 5x11



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