

TECHNICAL DATASHEET

780-1550nm 20W High Power PM Filter Coupler

Product family	Couplers & Polarization
Key selection	780-1550nm / 20W / PM

Technical Specifications

Parameter	-	Unit	Specification	-	-	-	-	-
Type	-	-	1x2	-	-	2x2	-	-
Center Wavelength	-	nm	1550,1310	1064,980	850,780	1550,1310	1064,980	850,780
Operating Wavelength Range	-	nm	±40	±20	±10	±40	±20	±10
Maximum Excess Loss	-	dB	0.7	0.8	0.8	1.0	1.2	1.2
Uniformity (50/50 only)	-	dB	0.4	0.5	0.6	0.6	0.8	0.8
Coupling Ratio	-	dB	01/99 to 50/50	-	-	-	-	-
Minimum Extinction Ratio	Both axes operating	dB	20	-	-	-	-	-
-	Fast axis blocked	dB	22	-	-	-	-	-
Minimum Return Loss	-	dB	50	-	-	-	-	-
Maximum Optical Power	-	W	1, 2, 5, 10, 20 or Specified	-	-	-	-	-
Maximum Tensile Load	-	N	5	-	-	-	-	-
Package Dimensions	Input power ≤5 W	mm	dia. 5.5x35	-	-	-	-	-
-	Input power ≤20 W	mm	70x12x8	-	-	-	-	-
Operating Temperature	-	°C	-5 to +70	-	-	-	-	-
Storage Temperature	-	°C	-40 to +85	-	-	-	-	-

Configuration Notes

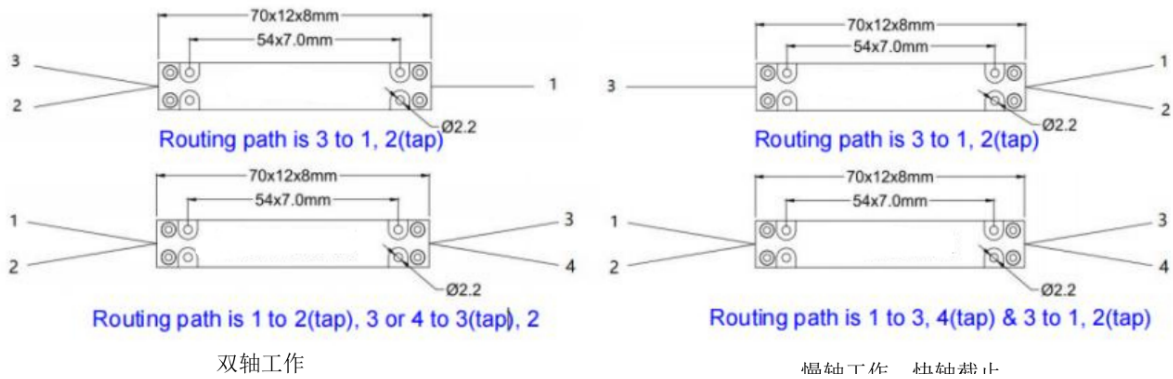
Available wavelength, optical power, fiber, connector, pigtail and package options depend on the selected product configuration. Please include the target application and quantity with your RFQ. Final ordering details are confirmed in the quotation.

www.kernsoptic.com | jenny@kernsoptic.com

Package Dimensions

780-1550nm 20W High Power PM Filter Coupler

Package reference: Dia. 5.5x35 / 70x12x8 / 5x35 / Dia. 70x12x8



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