1064nm High Power Polarization Maintaining Isola

Features

High Isolation & High Power Handling
High Extinction Ratio
Low Insertion Loss & High Return Loss
Excellent Environmental Stability and Reliability

Applications

Polarization Maintaining Fiber Amplifer
Fiber Laser
Instrumentation Applications
Lab Research

Specifications

Parameters	Unit	Values	
Center Wavelength (λc)	nm	1064 or Specify	
Operating Wavelength Range	nm	±10	
Typ. Peak Isolation	dB	32-40	
Min. Isolation at 23℃	dB	26	
Typ. Insertion Loss	dB	0.6	
Max. Insertion Loss at 23℃, λc	dB	1.0	
Min. Return Loss (Port1/Port2)	dB	50/50	
Min. Extinction Ratio (only for B Type)	dB	20	
Min. Extinction Ratio (only for F Type)	dB	22	
Max. Optical Power (CW)	W	1, 3, 5,	10, 20
Package Type		C5	C6
Max. Tensile Load	N	5	
Fiber Type		PM 980 Panda Fiber or PM LMA Fiber	
Operating Temperature	℃	-5 to +50	
Storage Temperature	℃	-20 to +75	

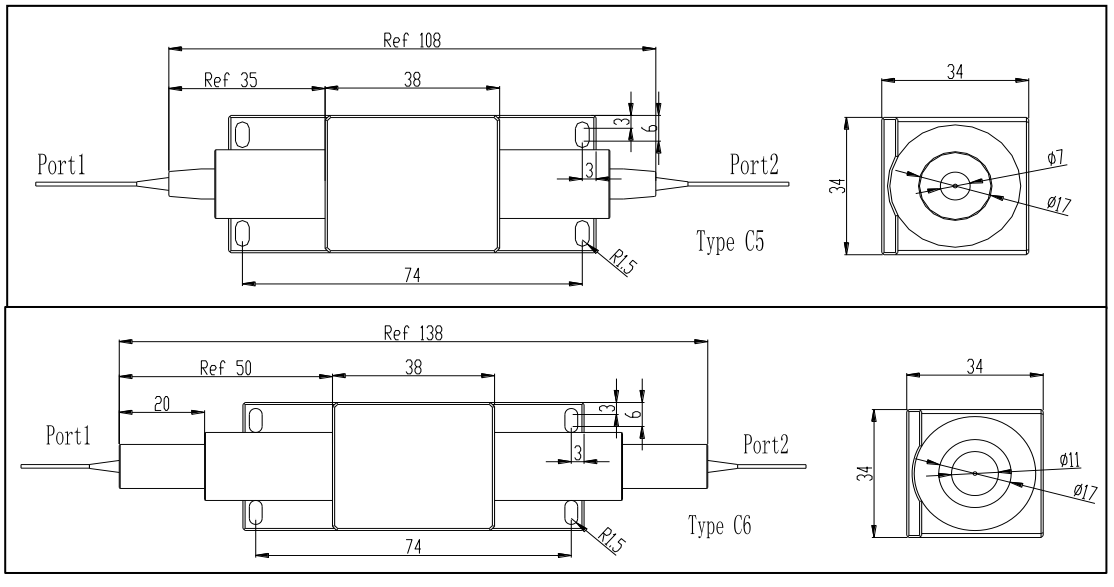
*For pulse applications, pls discuss with Aistana.

*No plastic cap on the ends of the component if 3mm jacketed is chosen;

*If special pulse power is applied, please discuss with Aistana;

*Package size indicated is for standard choose, if special size is required, please discuss with Aistana.

Package Dimensions



Ordering Information

AHPMI-①①-②②-③③-④-⑤⑤-⑥⑥-⑦

①①: Wavelength
06 - 1064nm
SS - Specify

②②: Package Type
C5 - Type C5
C6 - Type C6

: Handling Power
01 - 1W
05 - 5W
10 - 10W
20 - 20W
S - Specify

④: Axis Alignment
F - Fast Axis Blocked
B - Both Axis Working

⑤⑤: Connector Type on Port 1 & 2
N - None
S - Specify

⑥⑥: Fiber Jacket on Port 1 & 2
L - 900um Loose Tube
C - 3mm Loose Cable
A - 3mm Armoured Cable
S - Specify

⑦: Fiber Length
0.8 - 0.8m
S - Specify