

High Power In-line Isolator with BPF

Features

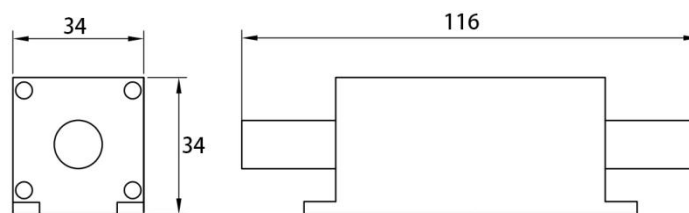
Low insertion loss
High extinction ratio
High stability & Reliability

Applications

Fiber Amplifier
Fiber sensor
Fiber Laser Marking
Laboratory R&D

Parameter	10 W In-line isolator+BPF						Unit
	CW±10	CW±7	CW±5	CW±4	CW±2	CW±1	
Center wavelength	1030 1060 or 1064						nm
Pass bandwidth@0.5dB from peak	≥20	≥14	≥10	≥8	≥4	≥2	nm
Pass bandwidth@-20dB from peak	≤35	≤30	≤25	≤25	≤12	≤8	nm
Typ. peak isolation at operating wavelength	≥35						dB
Isolation at CW±5nm	≥28						dB
Insertion loss at CW 23°C	≤1.5						dB
Extinction ratio for PM type	≥18(B) , ≥20(F)						dB
Return loss (Input/Output)	≥50						dB
Fiber type	HI1060 , SM98-PS-U25D-H, etc.						-
Input max. power handling	Average						W
	Pulse peak						kW
Operating temperature	-5 ~ +50						°C
Storage temperature	-20 ~ +70						°C
Dimensions	116x34x34						mm

Mechanical Dimension



Mechanical Dimension

specification	GCHPIITB
Fiber length	Specify
Package size	116 x 34 x 34
Average power condition	1, 3, 10, etc
Power condition	C=Continue Wave, P(10)=Pulse Peak Power(10KW)
Fiber type	HI1060, SM98-PS-U25D, etc
Pigtail diameter	0=bare fiber, 1=900μm, 2=2mm, 3=3mm Central
wavelength+pass band	1064±5nm etc
PM Type	F: slow axis working and fast axis blocked, B: both axis working
BPF Type	F: forward type, filter ASE from input; B: backward type, filter ASE back from output