High Power In-line Isolator with Tap

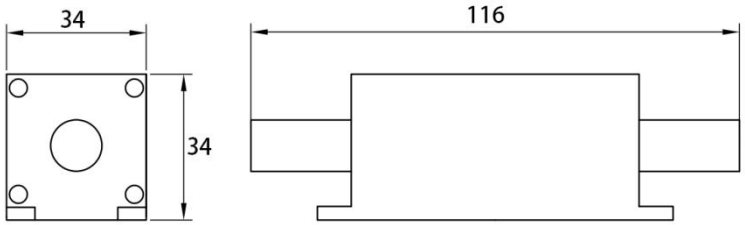
Features
Low insertion loss
High extinction ratio
High stability & Reliability

Applications
Fiber Amplifier
Fiber sensor
Fiber Laser Marking
Laboratory R&D

Parameter		PM		Unit
Operating wavelength		1030	1064	nm
Bandwidth		±5		nm
Insertion loss from input to output @ 23℃		≤ 1.5		dB
Insertion loss @ 23℃	Input to Tap1	≤20		dB
	Output to Tap2	≤20		dB
Typical peak isolation		≥30	≥35	dB
Isolation in band at 23℃		≥25	≥28	dB
Extinction ratio for PM type		≥18(B); ≥20(F)		dB
Return loss		≥45		dB
Fiber type (can be customized)	Input & Output	PM980(PM)		-
	Tap	105/125 0.22NA		-
Input max. power handling		10		W
Dimensions (L x W x H)		116x 34 x 34		mm
Operating temperature		-5 ~ +50		℃
Storage temperature		-20 ~ +70		℃

*"B" for both axis working, "F" for slow axis working and fast axis blocked.
* Backward power<10% input power
* The above specifications is without connector.
* The above specifications base on the extinction ratio of system ≥20dB for PM type.

Mechanical Dimension



Ordering Information

specification	GCHP(M)IITT
Fiber length	specify
Package size	116 x 34 x 34
Average power condition	0.3, 3, 10, etc
Power condition	C=Continue Wave, P(10)=Pulse Peak Power(10KW)
Fiber type	PM980, etc
Pigtail diameter	0=bare fiber, 1=900μm, 2=2mm, 3=3mm Central
Operating wavelength	1064nm etc
PM Type	F: slow axis working and fast axis blocked, B: both axis working