

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		NON-PM	Unit
Operating wavelength		1030 1064	nm
Bandwidth		±5	nm
Insertion loss from input to output @ 23°C		≤ 1.5	dB
Insertion loss @ 23°C	Input to Tap1	≤20	dB
	Output to Tap2	≤20	dB
Typical peak isolation		≥30 ≥35	dB
Isolation in band at 23°C		≥25 ≥28	dB
Return loss		≥45	dB
Fiber type (can be customized)	Input & Output	HI1060(NON-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	°C
Storage temperature		-20 ~ +70	°C

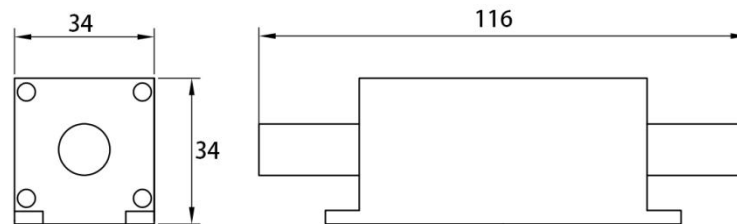
*“B” for both axis working, “F” for slow axis working and fast axis blocked.

* 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)ITT
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	Hi1060, SM98-PS-U25D, etc
Pigtail diameter	0=bare fiber, 1=900μm, 2=2mm, 3=3mm Central
Operating wavelength	1064nm etc