

300mW 1064nm In-line Dual Isolator

Description

The 300mW 1064nm in-line dual isolator is characterized with low cost and compact size. We developed a kind of effective heat dissipation technique which could down the isolator temperature. It is characterized with low insertion loss, high isolation, high power handling, high return loss, excellent environmental stability and reliability. It is ideal for fiber laser and instrumentation applications.

Key Features

- * High isolation and low insertion loss
- * Excellent environmental stability and reliability
- * Customized fiber type available



Applications

- * Fiber laser
- * Fiber sensor

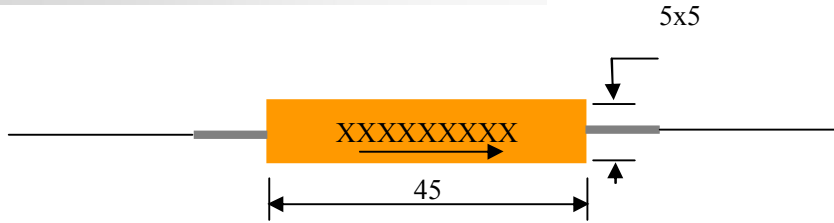
Specifications

Parameter	Type	Dual stage
Operating wavelength(nm)		1064±5
Typ. peak isolation(dB)		52
Isolation in band at 23℃(dB)		≥45
Insertion loss at 23℃(dB) (Input 1mw power)		≤2.5
Insertion loss at 23℃(dB) (Input max. power)		≤3.3
Polarization dependent loss(dB)		≤0.15
Return loss (Input/Output) (dB)		≥50
Fiber type		HI1060
Input max. power handling	Average (mW)	300
	Pulse peak(W)	1000
Operating temperature (℃)		-5 ~ +50
Storage temperature (℃)		-20 ~ +70
Dimensions(mm)		5*5*45

* Backward power<10% input power.

* Insertion loss of light through fiber cladding is not included in the Insertion loss specification.

Mechanical Dimension (Unit: mm)



Ordering Information

HPIIFD-XXXX-X-X-X(X)- X -XX*XX*XX-XX

