

WDM/Isolator Hybrids (HYB)

Features

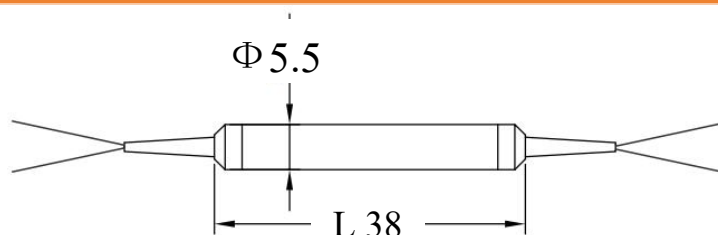
Low insertion loss
High extinction ratio
High stability & Reliability

Applications

Fiber Amplifier
Fiber sensor
Fiber Laser Marking
Laboratory R&D

Parameter	1480/1550		Unit
Isolator stage	Single stage	Dual stage	-
Isolation@23°C	≥ 30	≥ 48	dB
Insertion loss (Signal)	≤ 0.8	≤ 0.9	dB
PMD	≤ 0.25	≤ 0.05	ps
Signal wavelength range	1528~1565(C-band)		nm
Pump wavelength range	1450~1490		nm
Insertion loss (Pump)	≤ 0.5		dB
Transmitted isolation (Pump)	≥ 30		dB
Reflected isolation (Signal)	≥ 15		dB
PDL	≤ 0.1		dB
WDL	≤ 0.3		dB
Directivity	≥ 55		dB
Return loss	≥ 50		dB
Thermal stability	≤ 0.005		dB/ °C
Power handling	≤ 500		mW
Operating temperature	-5 ~ +70		°C
Storage temperature	-40 ~ +85		°C
Package dimension	$\Phi 5.5 \times L38$		mm
Fiber type: (Common / Pump)	Corning SMF-28e		-
Fiber type (Signal)	Corning SMF-28e		-

Mechanical Dimension



Ordering Information

specification	GCHYB
Package size	5.5×38
Connector	FC/UPC, FC/APC etc
Pigtail type	0=250μm1=900μm4=others
Operating wavelength:	9815=T1550R980nm, 1415=T1550R1480nm
Grade	S=Single grade, D=Dual grade
Application type	F=Forward type, B=Backward type