

# 0105 Hybrid Device

H1001-S



## C-band Bandpass Filter+Single Stage Isolator, 2 Port

This product has a low insertion loss, high isolation, and high return loss. This product offers an integrated solution for EDFA application by combining more functions into a very compact package.

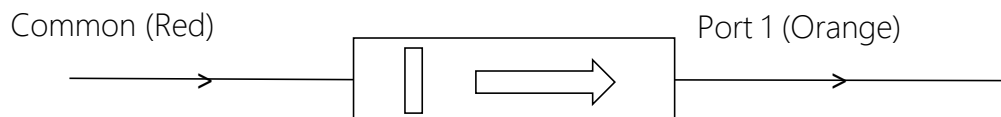
### FEATURES

- Wide Operating Wavelength Range
- Low Insertion Loss
- Epoxy Free on Optical Path
- High Channel Isolation
- Ultra Low PDL & PMD
- High Stability and Reliability

### USE IN

- Fiber Optic Amplifiers
- WDM Systems
- Fiber Optic Instruments
- Transmitters and Fiber Lasers
- Laboratory R&D

### FUNCTIONAL DIAGRAM



	@ Rejected Band-L 1450 nm to 1531.33 nm C to P1	20 dB min.
Isolation	@ Rejected Band-R 1539.13 nm to 1600 nm C to P1	20 dB min.
	@ Transmission Band 1530 nm to 1565 nm P1 to C	27 dB min.
Insertion Loss	@ Transmission Band 1533.03 nm to 1537.43 nm C to P1	1.3 dB max.
Back Reflection		-45 dB max.
PDL	C-P1	0.15 dB max.
PMD	C-P1	0.15 ps max.

**Order notes to our customers:** The default parameters are as follows. For special needs, please contact sales.  
**1) Connector FC/APC, 900 um, 1 m by default for all devices except for high power devices.**  
**2) Slow axis working, fast axis blocked, connector key is aligned to slow axis by default for PM devices.**