

0105 Hybrid Device

H1009-S



1x2 WDM Hybrid Isolator (1480 nm/1550 nm)

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

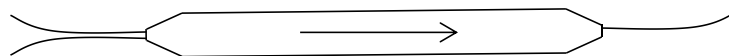
- Wide Operating Wavelength Range
- Low Insertion Loss
- Epoxy Free on Optical Path
- High Channel Isolation
- Ultra Low PDL & PMD
- High Stability and Reliability

USE IN

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

FUNCTIONAL DIAGRAM

Common (Clear)



Pump Input (Brown)

Signal Output (Black)

	Signal	Pump
Wavelength	1550 nm	1480 nm
Insertion Loss	0.40 dB max.	0.50 dB max.
PDL	0.05 dB max.	0.05 dB max.
Isolation	34 dB min.	24 dB min.
PMD	0.05 ps max.	
Cross Talk	40 dB	
Directivity	67 dB	
Return Loss	55 dB min.	55 dB min.

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.