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0105 Hybrid Device

H7301-P

2000 nm/1550 nm Isolator & WDM Hybrid, 300 mW, Dual stage, PM

The device has very low insertion loss, high return loss, high isolation, high extinction ratio and excellent environmental stability & reliability. It can be used for fiber laser, fiber amplifiers and testing equipment.

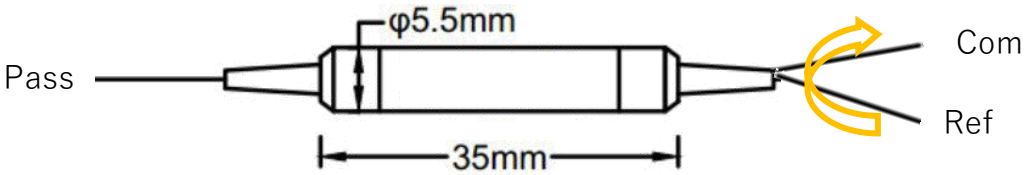
FEATURES

- High Return Loss
- Low Insertion Loss
- High Isolation
- High Extinction Ratio
- High Reliability & Stability

USE IN

- Fiber Amplifiers
- Fiber Laser
- Testing Equipment

MECHANICAL DRAWING



Signal Route: Pass to Com Pump Route: Ref to Com

Stage		Dual
Signal Channel	Signal Wavelength Range	2000±10 nm
	Insertion Loss	1.5 dB max.
	Signal Reversed Isolation	30 dB min.
	Isolation (Com to Pass@Ref Wavelength)	25 dB min.
	Extinction Ratio	18 dB min.
Reflection Channel	Wavelength Range	1550±30 nm
	Insertion Loss	0.6 dB max.
	Isolation (Com to Ref@Signal Wavelength)	12 dB min.
	Extinction Ratio	18 dB min.
Return Loss		50 dB min.
Insertion Loss Thermal Stability		0.005 dB/°C
Power Handling		300 mW max.
Tensile Load		5 N max.
Operating Temperature		-5°C to +70°C
Storage Temperature		-40°C to +85°C

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.