

## 0906 Other High Power Device

HW1002-S



### 2000 nm/1550 nm High Power Filter WDM, SM, 20 W

The WDM has low IL, high return loss and excellent environmental stability & reliability. They are ideal for fiber instrument, fiber laser and research.

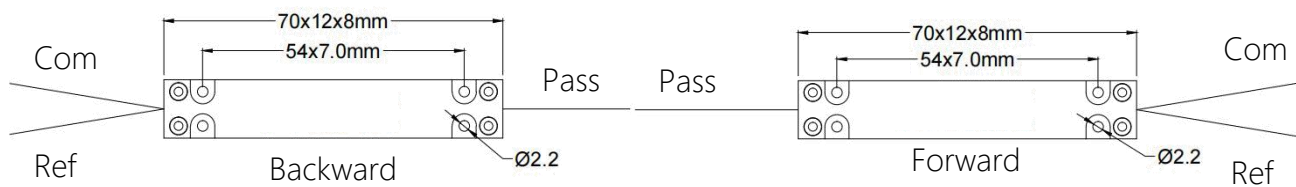
#### FEATURES

- High Return Loss
- Low Insertion Loss
- High Stability and Reliability

#### USE IN

- Fiber Laser
- Fiber Instrument
- Research

#### MECHANICAL DRAWING



Type	2000 nm/1550 nm	
Transmission Wavelength	1950 nm to 2050 nm	
Reflection Wavelength	1570±10 nm	
Insertion Loss	Transmission Channel	0.8 dB max.
	Reflection Channel	0.8 dB max.
Transmission Isolation @ Reflection	25 dB min.	
Reflection Isolation @ Transmission	12 dB min.	
Channel Flatness	0.4 dB max.	
Extinction Ratio	Transmission Channel	20 dB min.
	Reflection Channel	18 dB min.
Wavelength Thermal Stability	0.003 nm/°C max.	
Insertion Loss Thermal Stability	0.005 dB/°C max.	
Return Loss	50 dB min.	
Power Handling	20 W max.	
Tensile Load	5N max.	
Operating Temperature	0°C to +70°C	
Storage Temperature	-40°C to +85°C	

\* With connectors, the handling power is 1 W only, IL is 0.3 dB higher, RL is 5 dB lower, and ER is 2 dB lower.

**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.**