

## 0305 1310 nm to 1610 nm WDM

W7203-S



### 1550.12 nm Filter, 2 Ports

This WDM based pump/signal combiner utilizes thin-film filter technology to combine the pump power with the input signal. It features low insertion loss, low PDL, and negligible PMD. This device is used for building broadband, low-noise EDFAs and raman amplifiers for ultra-long haul networks. It is housed in a high-power handling metal package.

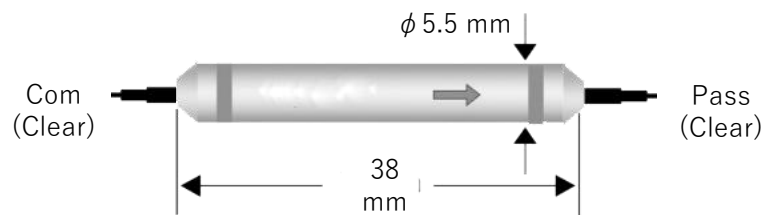
#### FEATURES

- Low Insertion Loss
- Low PDL
- Negligible PMD
- High Stability and Reliability

#### USE IN

- Building Broadband
- Low-noise EDFAs
- Raman Amplifiers for Ultra-long Haul Networks

#### MECHANICAL DRAWING



Wavelength Range	1525 nm to 1565 nm
Channel Spacing	200 GHz
Insertion Loss	0.9 dB max.
Isolation	30 dB min.
PDL	0.1 dB max.
Directivity	50 dB min.
Return Loss	45 dB min.
Dimension	5.5x5.5x38 mm
Operating Temperature	-10°C to +75°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.**