

## 0605 1310 nm to 1610 nm WDM

W7205-S



### 1548.51 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

Wavelength Range	C- or L-band ITU Channels 186.6 THz to 196.1 THz
Channel Spacing	200 GHz
Insertion Loss	1.0 dB max.
Isolation	30 dB min.
PDL	0.2 dB max.
Return Loss	45 dB min.
Dimension	5.5x5.5x34 mm
Fiber Type	SMF-28e
Connector Type	NA
Fiber Length	1.5 m min.
Operating Temperature	-10°C to +75°C
Storage Temperature	-40°C to +85°C