

0202 Thin Film Coupler

C9600-S



3x3 1310 nm/1550 nm FBT Wideband Coupler

The C9600-S is a 3x3 1310 nm/1550 nm FBT wideband coupler. This highly reliable coupler offers very low insertion loss, low polarization dependence and excellent environmental stability. It can be used for optical communication, HFC & fiber sensors, fiber laser, optical amplifier and photonics integration.

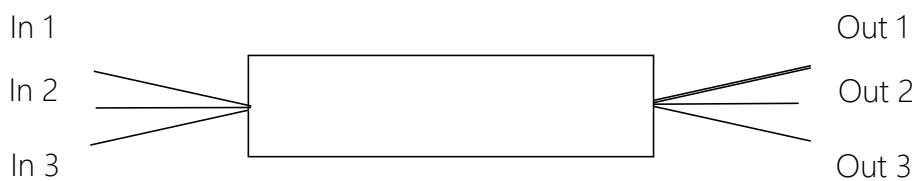
FEATURES

- Low Excess Loss
- Uniform Power Splitting
- Rugged Package
- Excellent Environmental & Mechanical Stability

USE IN

- Long-haul Telecommunications
- Digital, Hybrid and AM-Video Systems
- HFC
- High Speed Local Area Networks
- Fiber Sensors

FUNCTIONAL DIAGRAM



Operating Wavelength	1310 nm or 1550 nm
Operating Bandwidth	±15 nm
Port Configuration	3x3
Grade	P
Insertion Loss	6.0 dB max.
Excess Loss	0.5 dB max.
Directivity	55 dB min.
PDL	0.3 dB max.
Uniformity	1.5 dB
Operating Temperature	-20°C to +70°C
Storage Temperature	-40°C to +85°C
Fiber Type	SMF-28, FC/APC Connectors
Fiber Length	1 m
Dimensions	3x3x54 mm, 900 μm Steel Tube