

0202 Thin Film Coupler

C5000-S



2x2 1270 nm to 1590 nm 50/50 Wideband Single Window Coupler

The C5000-S is a 2x2 1270 nm to 1590 nm 50/50 wideband single window coupler. This highly reliable coupler offers very low insertion loss, low polarization dependence and excellent environmental stability. It can be used for long-haul telecommunications, HFC & fiber sensors, local area network and FTTH & LAN.

FEATURES

- Low Excess Loss
- Low Insertion Loss
- Low PDL
- High Stability and Reliability

USE IN

- Long-haul Telecommunications
- Local Area Network
- FTTH & LAN
- HFC & Fiber Sensors

Grade	P
Operating Wavelength	1270 nm to 1590 nm
Coupling Ratio	50/50%
Excess Loss	0.07 dB typ.
Insertion Loss	3.4 dB max.
Polarization Sensitivity	0.15 dB
Directivity	55 dB min.
Operating Temperature	-20°C to +80°C
Storage Temperature	-40°C to +85°C
Port Configuration	2x2
Fiber Type	Corning Singlemode SMF-28