

# 1101 SM Fused Coupler

C1034-S



## 2x2 1550 nm FBT Coupler, 1/99

The coupler is a 2x2 1550 nm FBT Coupler. This highly reliable coupler offers very low insertion loss, low PDL, high stability and reliability. It can be used for EDFA, HFC, Passive Network, WAN and FTTH & LAN.

### FEATURES

- Compat Size
- Low Insertion Loss
- Telecordia GR1221/1209 compliance
- Low PDL
- High Stability and Reliability

### USE IN

- EDFA
- Passive Network
- FTTH & LAN
- HFC
- WAN

Operation Wavelength Range	1550±40 nm
Excess Loss	0.07 dB max.
Insertion Loss	21.15/0.2 dB max.
PDL	0.15 dB max.
Directivity	55 dB min.
Return Loss	50 dB max.
Operating Temperature	-10 °C to +70 °C
Storage Temperature	-40 °C to +85 °C
Fiber Length	1.5 m, or Specify

\* Above specifications are for devices without connector. With connectors, IL is 0.2 dB higher.

**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.**