

# TSC Series

## 1GHz 130dB EMI Digital Directional Couplers/Taps

**TRU-SPEC**<sup>®</sup>  
A PICO MACOM REGISTERED TRADEMARK



### Features

- Digital-Ready Broadband 5~1000MHz frequency range
- TSC-SB series feature a solder-sealed back cover-plate to provide maximum EMI-RFI shielding >-130dB, eliminating signal ingress and guarantee distortion free pictures
- High tap-to-output isolation provides spurious carrier protection and minimizes undesired channel interaction, reducing picture distortion
- High-performance printed board circuitry provides low intermodulation distortion to ensure excellent digital performance
- Capacitor coupling circuitry at all ports provide effective DC voltage blocking for improved hum modulation and intermodulation
- 1-inch centered 1/2" long precision machined F-connector threads ensure improved port-to-connector interface and accommodate external security devices

### Ordering Information

<b>TSC-(values)SB</b>	1-Port Directional Coupler (Values: 6, 9, 12, 16, 20, 24, 27, 30dB)
<b>TSC2-(values)SB</b>	2-Port Directional Coupler (Values: 6, 9, 12, 16, 20, 24, 27, 30dB)
<b>TSC4-(values)SB</b>	4-Port Directional Coupler (Values: 8T, 12, 16, 20, 24, 30dB)
<b>TSCW-(values)SB</b>	1 Wall Mount Directional Coupler (Values: 6, 9, 12, 16, 20, 24, 27, 30dB)