TSC Series

1GHz 130dB EMI Digital Directional Couplers/Taps

TSC-6SB
(front view)

TSC2-6SB
(front view)

TSCW-9
(front view)

TSC4-16SB
(front view)

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 distortion pictures
- Hightap-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

Specification

Please visit **www.atx.com** for more specifications

Ordering Information

PART NUMBER	DESCRIPTION
TSC - (VALUES) SB	1-Port Directional Coupler (Values: 6, 9, 12, 16, 20, 24, 27, 30 dB)
TSC2 - (VALUES) SB	2-Port Directional Coupler (Values: 6, 9, 12, 16, 20, 24, 27, 30 dB)
TSC4 - (VALUES) SB	4-Port Directional Coupler (Values: 6, 9, 12, 16, 20, 24, 27, 30 dB)
TSCW - (VALUES) SB	Wall Mount Directional Coupler (Values: 6, 9, 12, 16, 20, 24, 27, 30 dB)

Note:
8db tap has terminated Feed-thru

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