

TSB-G Series

1 GHz 130 dB EMI Digital CATV Splitters



TSB-31G
(front view)

Features

- Digital-ready broadband 5 MHz to 1000 MHz frequency range
- Solder-back cover-plate provides maximum EMI-RFI shielding > - 130 dB, eliminating signal ingress to guarantee distortion-free pictures
- High-performance printed board circuitry provides low intermodulation distortion > - 100 dB to ensure excellent digital performance
- High isolation > - 40 dB at 5 MHz to 45 MHz sub-bands provides for high level upstream signals
- TSB-G series features capacitor coupling circuitry at all ports for effective DC voltage blocking. TSB-GDC series provide DC power passage to one port while blocking DC power to all other ports, providing for remote powering applications and powering the antenna preamplifier directly from the headend
- 1-inch centered 1/2" long precision machined F-connector threads ensure improved port-to-connector interface and accommodate external security devices
- High retention seizing pins provide improved connectivity to connector center lead

Specifications

		TSB-21G/GDC	TSB-31G/GDC	TSB-41G/GDC
INSERTION LOSS (MAX.dB)	5-42 MHz	3.4	3.4/7.2	7.2
	42-860 MHz	3.9	4.0/7.5	7.8
	860-1000 MHz	4.0	4.0/7.8	7.8
ISOLATION (MIN.dB)		30	28	28
INPUT/OUTPUT RETURN LOSS (MIN.dB)		20	22	20
RFI		> - 130 dB	> - 130 dB	> - 130 dB

Ordering Information

PART NUMBER	DESCRIPTION
TSB-31G	3-Port Splitter 1 GHz Soldered Back

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