

Renaissance Electronics

Compact 4-way Wilkinson Combiner

Renaissance Electronics Corporation has developed a compact 4-way Wilkinson combiner optimized for 800 to 2500 MHz and with good performance up to 2700 MHz. It is available in compact size of 3" x 4" x 0.75" square package and can withstand 100 watts of continuous power as a divider. It offers low insertion loss of 0.5 dB over the entire band and 16 dB of isolation. The design offers SMA female connectors that can be replaced with type N female connectors if required.

CHARACTERISTICS:

Frequency	800-2500 MHz
Isolation	16 dB
Insertion loss	0.5 dB
VSWR	1.35 : 1
Power	100 W as divider, 25W as combiner
Temperature range	-10° to +75C

**MARKET:
TELECOMMUNICATION****FEATURES AND BENEFITS:**

Compact Size	Reduces overall system size
Covers Multiple Bands	Reduces overall cost
Low Insertion loss	Better system performance
Temperature stable	Superior MTBF
High Power	Wider applications



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