

B R O A D W A V E T E C H N O L O G I E S I N C .

MODEL 151 - 258 - XXX*
POWER DIVIDER / COMBINER

Frequency Range: 500 - 5000 MHz

Impedance: 50 Ohms nominal

Configurations: 2 way (- 002)
* - Insert desired configuration 4 way (- 004)

Isolation: 20 dB typical
15 dB minimum

Insertion Loss: 0.8 dB nominal @ 5000 MHz (- 002)
(above theoretical split) 1.5 dB nominal @ 5000 MHz (- 004)

Amplitude Tracking: ± 0.6 dB maximum

Phase Tracking: ± 7° maximum (- 002)
± 10° maximum (- 004)

VSWR: 1.50:1 maximum

Power Input: Divider: 10 Watts average @ common port
Combiner: 5 Watts into the 2 input ports

RF Connectors: SMA Female

Operating Temperature Range: - 55°C to +85°C

Outline Drawing: MED - 0090 (- 002)
MED - 0092 (- 004)

ECF #	Date	Rev.
Issue	7-1-09	0

Approved By: _____