

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 179 – 242 – XXX*

POWER DIVIDER

Frequency Range: 900 – 2100 MHz
Impedance: 75 Ohms nominal
Configuration: 2 way (- 002)
 * - Insert desired configuration 4 way (- 004)
 8 way (- 008)
Isolation: 20 dB minimum
Insertion Loss: 0.5 dB maximum @ 2100 MHz (- 002)
 (above theoretical split) 1.0 dB maximum @ 2100 MHz (- 004)
 1.5 dB maximum @ 2100 MHz (- 008)
Amplitude Balance: ± 0.3 dB maximum (- 002, - 004)
 ± 0.5 dB maximum (- 008)
VSWR: 1.40:1 maximum (- 002, - 004)
 1.50:1 maximum (- 008)
Power Input: 12 Watts average @ 25° C
RF Connectors: F Female
Operating Temperature Range: -55°C to +85°C
Outline Drawing: MED – 0332 (- 002)
 MED – 0082 (- 004)
 MED – 0790 (- 008)

ECF #	Date	Rev.
Issue	9/19/08	0
0935	12/16/09	A

Approved By: _____