

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

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MODEL 151 - 159 - XXX\*

POWER DIVIDER

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**Frequency Range:** 800 - 2200 MHz

**Impedance:** 50 Ohms nominal

**Configurations:** 4 way ( - 004 )  
\* - Insert desired configuration 8 way ( - 008 )  
12 way ( - 012 )

**Isolation:** 20 dB minimum

**Insertion Loss:** 0.8 dB nominal @ 2200 MHz ( - 004 )  
( above theoretical split ) 1.2 dB nominal @ 2200 MHz ( - 008 )  
1.5 dB nominal @ 2200 MHz ( - 012 )

**Amplitude Tracking:** ± 0.3 dB maximum ( - 004 )  
± 0.5 dB maximum ( - 008, - 012 )

**VSWR:** 1.40:1 maximum ( - 004 )  
1.50:1 maximum ( - 008, - 012 )

**Power Input:** 10 Watts average ( - 004, - 008 )  
25 Watts average ( - 012 )

**RF Connectors:** SMA Female

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

**Outline Drawing:** MED - 0087 ( - 004 )  
MED - 0185 ( - 008 )  
MED - 0477 ( - 012 )

ECF#	DATE	REV.
Issue	5/5/05	0

Approved By: \_\_\_\_\_