

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 153 - 118 - XXX

POWER DIVIDER

**Frequency Range:** 20 - 1000 MHz  
**Impedance:** 50 Ohms nominal  
**Configurations:** 2 way ( - 002 )  
                           4 way ( - 004 )  
                           8 way ( - 008 )  
**Isolation:** 20 dB minimum  
**Insertion Loss:** 0.7 dB maximum @ 1000 MHz ( - 002 )  
 ( above theoretical split ) 1.4 dB maximum @ 1000 MHz ( - 004 )  
   2.0 dB maximum @ 1000 MHz ( - 008 )  
**Amplitude Balance:** ± 0.3 dB maximum ( - 002, - 004 )  
   ± 0.5 dB maximum ( - 008 )  
**VSWR:** 1.40:1 maximum  
**Power Input:** 1 Watt average  
**RF Connectors:** TNC Female  
**Operating Temperature Range:** 0°C to +70°C  
**Outline Drawings:** MED - 0281 ( - 002 )  
   MED - 0082 ( - 004 )  
   MED - 0182 ( - 008 )

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