

**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 152 - 014 - XXX\***

**POWER DIVIDER**

**Frequency Range:** 800 - 2200 MHz

**Impedance:** 50 Ohms nominal

**Configurations:** 2 way ( - 002 )  
 \* - Insert desired configuration 3 way ( - 003 )  
 4 way ( - 004 )  
 6 way ( - 006 )  
 8 way ( - 008 )

**Isolation:** 25 dB typical  
 20 dB minimum

**Insertion Loss:** 0.4 dB nominal @ 2200 MHz ( - 002 )  
 ( above theoretical split ) 0.6 dB nominal @ 2200 MHz ( - 003 )  
 0.8 dB nominal @ 2200 MHz ( - 004 )  
 1.0 dB nominal @ 2200 MHz ( - 006 )  
 1.2 dB nominal @ 2200 MHz ( - 008 )

**Amplitude Tracking:** ± 0.3 dB maximum ( - 002, - 004 )  
 ± 0.4 dB maximum ( - 008 )  
 ± 0.5 dB maximum ( - 003, - 006 )

**Phase Tracking:** ± 5° maximum

**VSWR:** 1.40:1 maximum ( - 002, - 004 )  
 1.50:1 maximum ( - 003, - 006, - 008 )

**Power Input:** 5 Watts average @ 25°C

**RF Connectors:** N Female

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

**Outline Drawing:** MED - 0281 ( - 002 ) MED - 0297 ( - 004-W )  
 MED - 0281 ( - 002-W ) MED- 0764 ( - 006 )  
 MED - 0263 ( - 003 ) MED - 0182 ( - 008 )  
 MED - 0088 ( - 004 )

ECF #	DATE	REV.	ECF #	DATE	REV.
Issue	09/18/02	0	0600	3/28/08	F
0127	02/06/03	A	0602	3/31/08	G
0154	06/06/03	B			
0156	06/17/03	C			
0172	08/13/03	D			
0448	4/12/07	E			

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