

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 152 - 042 - XXX\*

POWER DIVIDER

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**Frequency Range:** 1700 - 2200 MHz

**Impedance:** 50 Ohms nominal

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

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

**Insertion Loss:** 0.3 dB nominal @ 2200 MHz ( - 002 )  
( above theoretical split ) 0.6 dB nominal @ 2200 MHz ( - 003, - 004 )  
1.0 dB nominal @ 2200 MHz ( - 008 )

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

**Phase Tracking:** ± 5° maximum

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

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

**RF Connectors:** N Female

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

**Outline Drawing:**

MED - 0069 ( - 002 )  
MED - 0317 ( - 003 )  
MED - 0082 ( - 004 )  
MED - 0182 ( - 008 )

ECF #	Date	Rev.
Issue	11/01/02	0
0133	03/13/03	A
0163	6/24/03	B
0192	4/07/04	C
0681	9/19/08	D
0842	8/20/09	E
1140	7/9/14	F

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