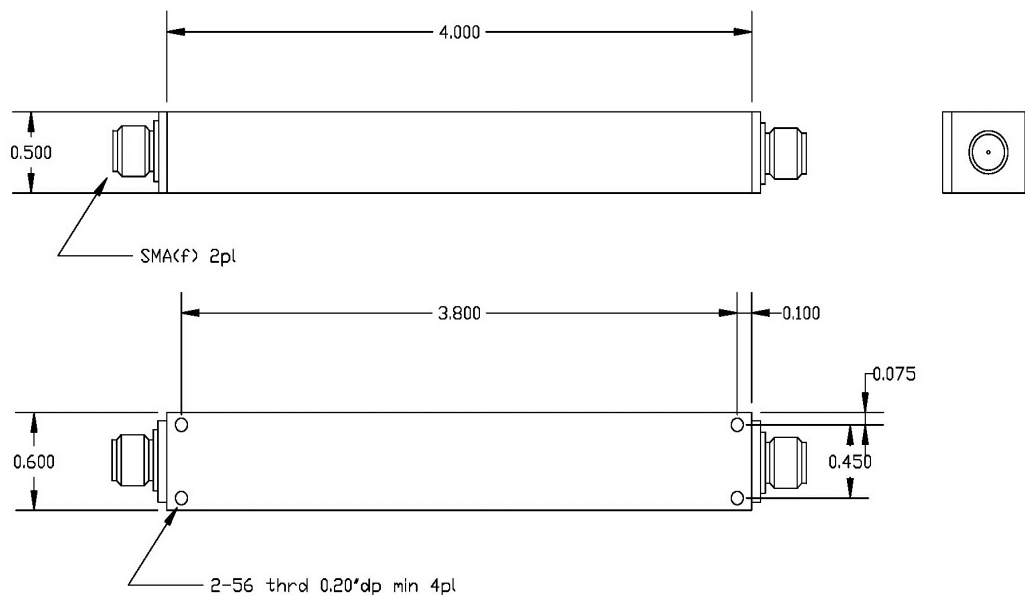




540 MHz Bandpass Filter

Part Number: AE540B10366

Center Frequency:	540 MHz
VSWR:	1.5:1 max.
Relative BW (1 dBc)	45 MHz min.
Relative BW (3 dBc)	50 MHz nominal
Insertion Loss (at CF):	2.5 dB max
Rejection (at CF +/-50 MHz)	38 dB min.
Impedance:	50 Ohm
Humidity:	Up to 95%
Input Power Average:	18 Watts
Operating Temperature:	-55°C to +85°C
Vibration (5 to 1000 Hz)	10 G max.
Shock for 11msec:	30 G max.
Connector Type:	SMA (F)



Tolerance: +/-0.01 inches [+/- 0.3mm]

Angles: +/- 1 Deg.

*Tolerance as shown unless otherwise specified in the datasheet electrical specification tables above.

*When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.



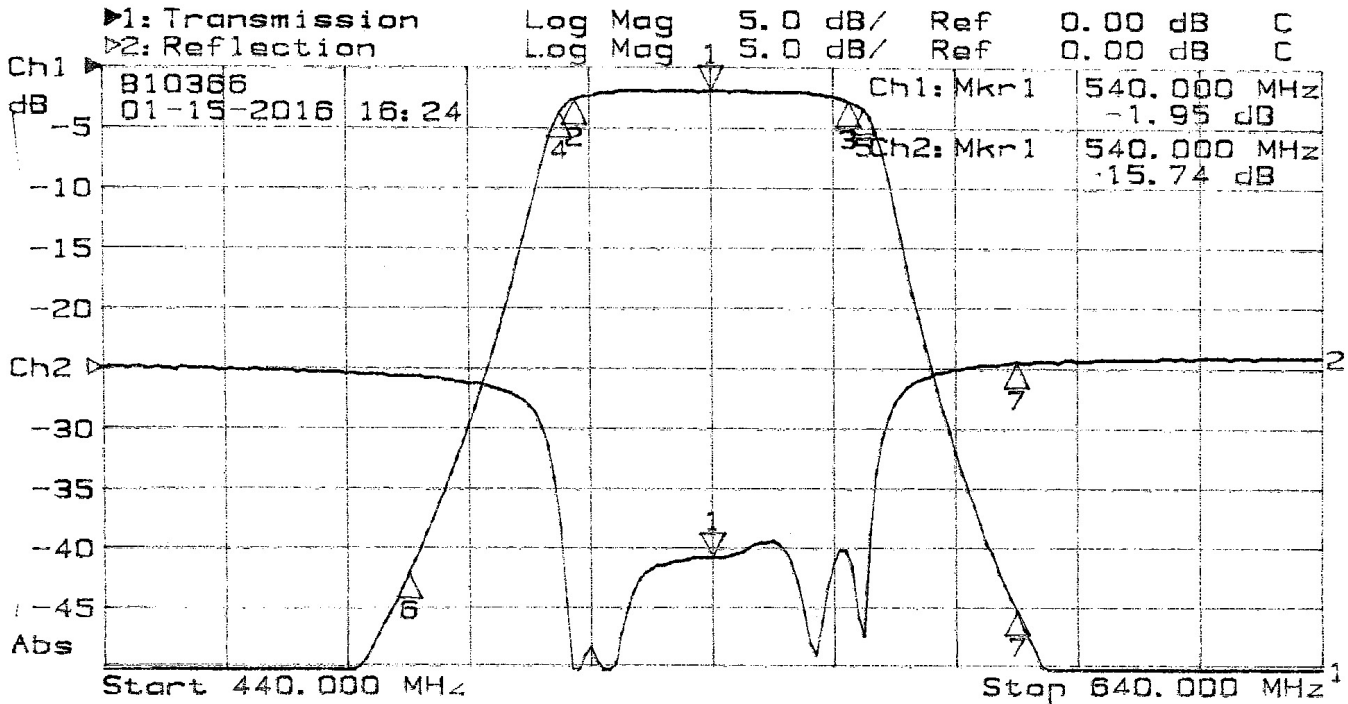
ANATECH ELECTRONICS, INC.

Manufacturer of RF & Microwave Filters and Products



540 MHz Bandpass Filter

Part Number: AE540B10366



1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 540.00	-1.95	1> 540.00	-15.74
2: 517.50	-2.58		
3: 562.50	-2.80		
4: 515.00	-3.78		
5: 565.00	-3.50		
6: 490.00	-42.17		
7: 590.00	-45.35	7: 590.00	0.52