



**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

**1518-1559 / 1625.5-1675 MHz**  
**Ceramic Duplexer**  
**Part Number: AM1539-1650D1130**



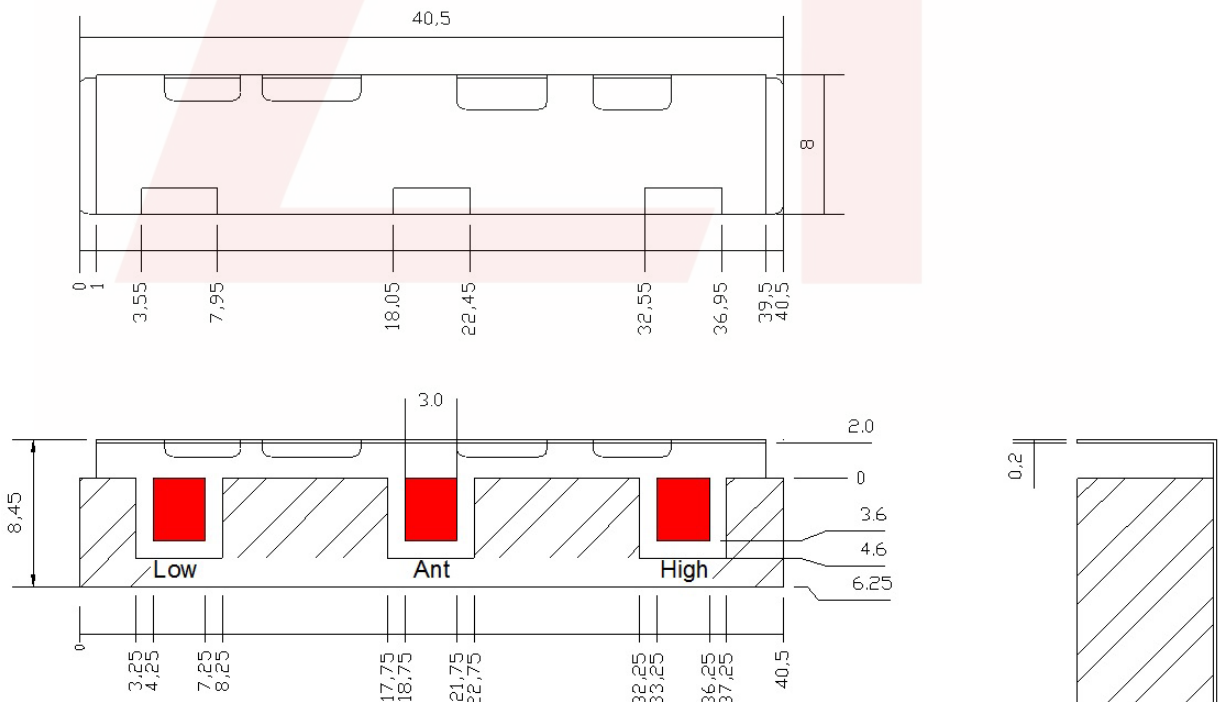
<b>Characteristics</b>	<b>Band 1</b>	<b>Band 2</b>
<b>Passband:</b>	1518-1559 MHz	1626.5-1675 MHz
<b>Bandwidth:</b>	41 MHz	48.5 MHz
<b>Passband Return Loss:</b>	15 dB min	14 dB min
<b>Passband Insertion Loss:</b>	1.4 dB max	1.6 dB max
<b>Passband Ripple:</b>	0.6 dB max	0.5 dB max
<b>Input / Output Impedance:</b>	50 Ohms	50 Ohms
<b>Attenuation:</b>	62 dB min. @ 1626.5~1675 MHz	65 dB min. @ 1518~1559 MHz
<b>Phase match (Unit to Unit):</b>	Typ. 5 deg	Typ. 5 deg
<b>Power Handling:</b>	3 W (12 W Peak)	3 W (12 W Peak)

<b>Mechanical</b>	
<b>Mounting Method:</b>	SMT
<b>Dimensions:</b>	40.5 x 8.45 x 8 mm

<b>Environmental</b>	
<b>Operating Temperature:</b>	-55 to +85 deg.C
<b>Storage Temperature:</b>	-55 to +100 deg.C
<b>Termination Finish:</b>	Silver

**This product is RoHS compliant.**

**Outline Drawing:**



DS-D1130-09092015-Rev0

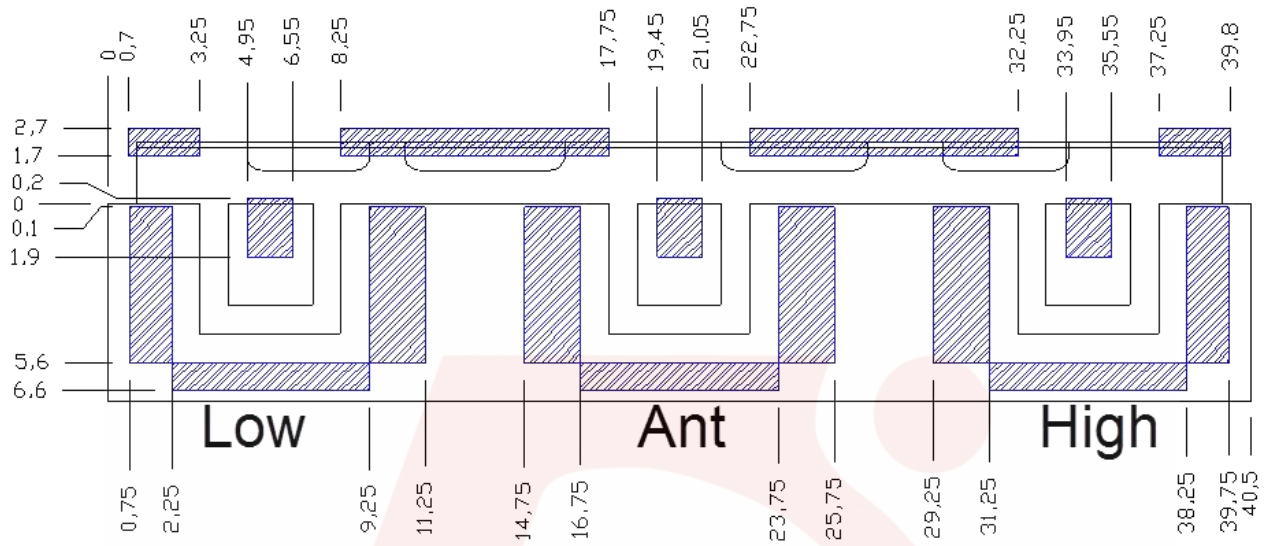




**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

**1518-1559 / 1625.5-1675 MHz**  
**Ceramic Duplexer**  
**Part Number: AM1539-1650D1130**



**Solder Pattern:**



-  : Non Solder
-  : Solder Mask

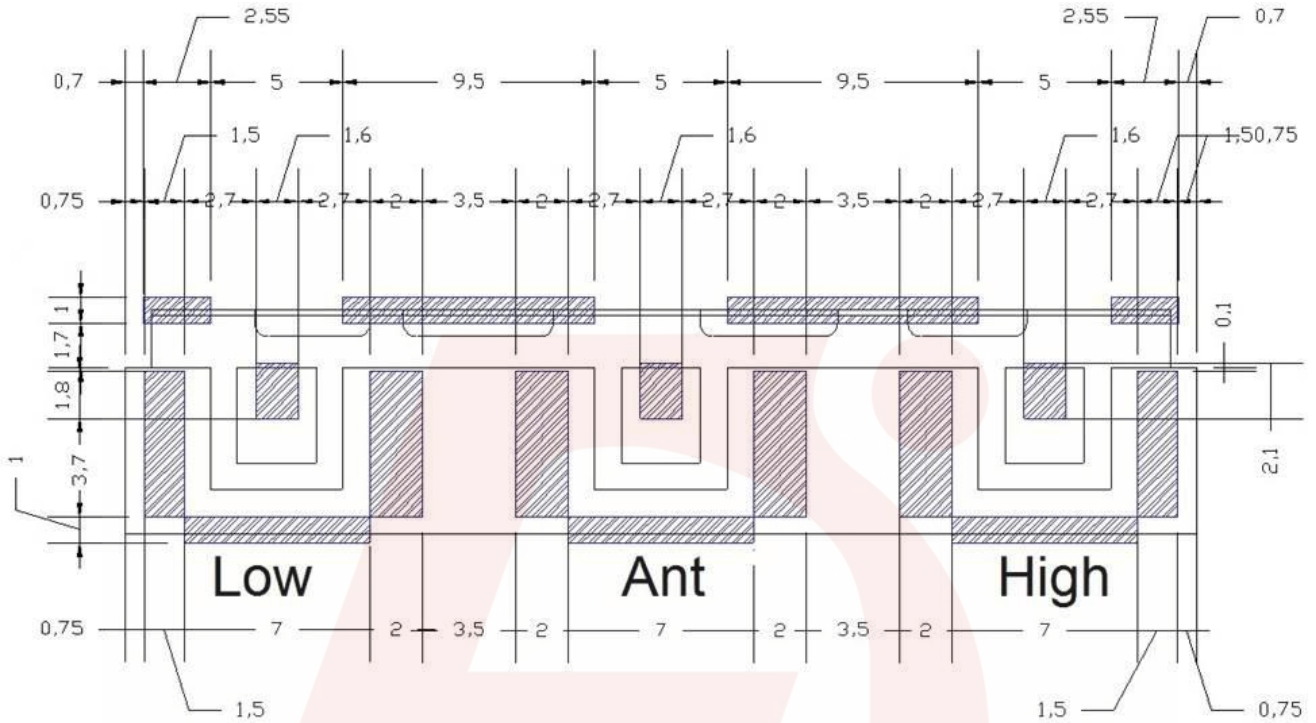


**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

**1518-1559 / 1625.5-1675 MHz**  
**Ceramic Duplexer**  
**Part Number: AM1539-1650D1130**



**Solder Pattern:**



DS-D1130-09092015-Rev0

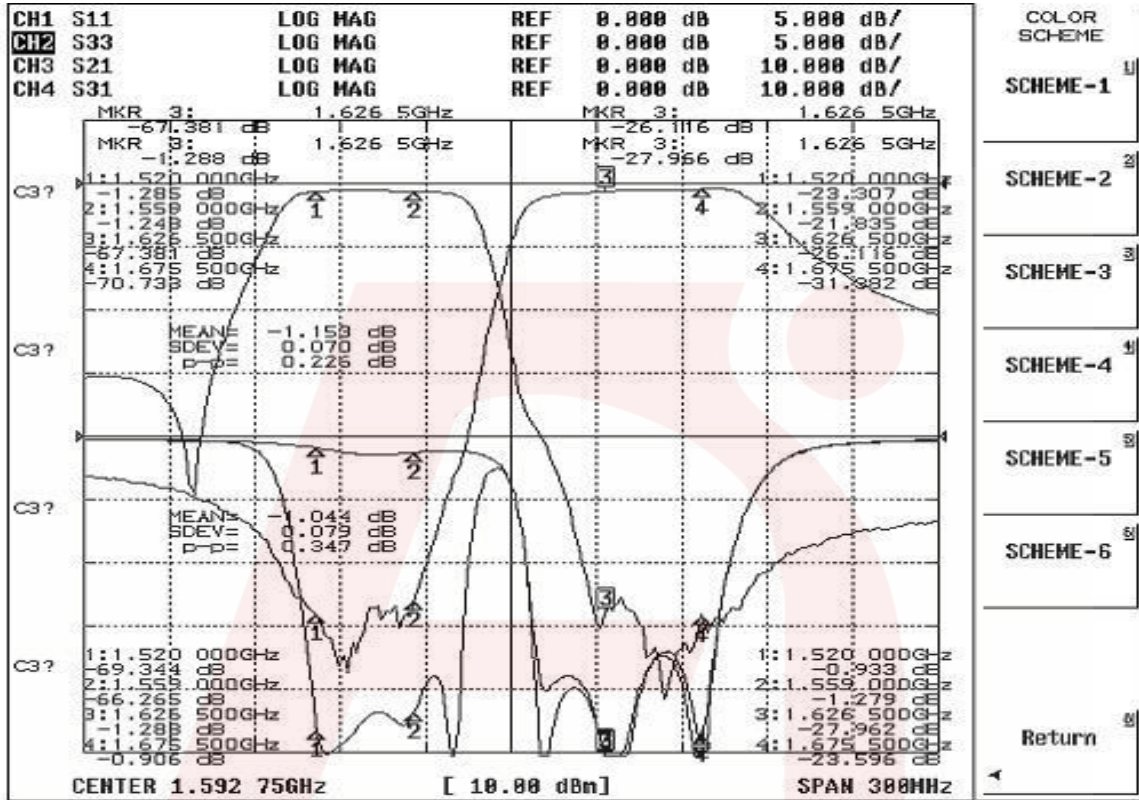


**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

**1518-1559 / 1625.5-1675 MHz**  
**Ceramic Duplexer**  
**Part Number: AM1539-1650D1130**



**Response Plot:**



- COLOR SCHEME
- SCHEME-1
- SCHEME-2
- SCHEME-3
- SCHEME-4
- SCHEME-5
- SCHEME-6
- Return

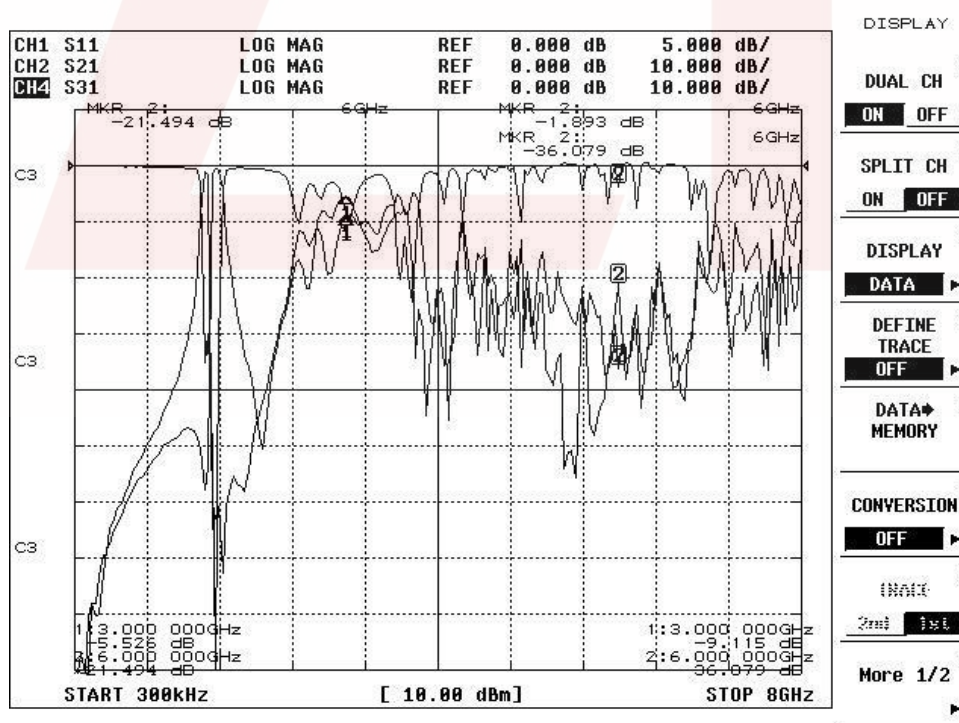
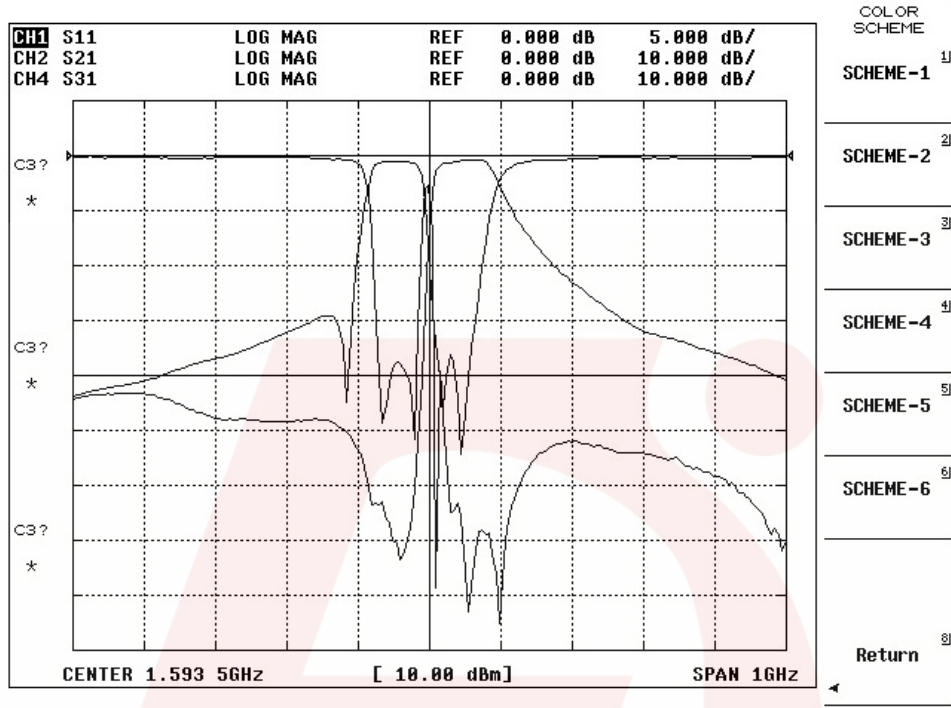


**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

**1518-1559 / 1625.5-1675 MHz**  
**Ceramic Duplexer**  
**Part Number: AM1539-1650D1130**



**Response Plot:**



DS-D1130-09092015-Rev0