



**7050-8550/10700-12750/14000-15500 MHz  
Triplexer (preliminary)**



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

**Part Number: AE7800-11725-14750TR1284**

**Electrical specifications**

	COM—CH1	COM—CH2	COM—CH3
<b>Frequency Range:</b>	7050-8550MHz	10700-12750MHz	14000-15500MHz
<b>Insertion Los @ Center</b>	≤1.0dB	≤1.0dB	≤1.0dB
<b>Return Loss</b>	≥12dB	≥12dB	≥12dB
<b>Ripple in Band</b>	≤0.8 dB	≤0.8 dB	≤0.8 dB
<b>Rejection</b>	≥100 dB@Ch2	≥100 dB @ Ch1 & Ch3	≥8100 dB @ Ch2
<b>Power handling:</b>	100W		
<b>Dimensions:</b>	6.3" x 6.3" x 1.38"		
<b>Port Connectors:</b>	N (F) (50Ω)		

**Outline Drawing:**

Drawing to be supplied

2 decimal places: +/-0.01 inches [ +/-0.3mm]  
3 decimal places: +/-0.005 inches [ +/-0.13mm]  
Angles: +/-1 Deg.

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

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