



707 MHz / 781.5 MHz / 742.5 MHz Triplexer

Part Number: AD707-781-742TR321

ANATECH ELECTRONICS INC
RF & Microwave Filters & Products



<u>Characteristics</u>	<u>RX</u>	<u>TX</u>
Passband:	698-716 MHz, 776-787 MHz	728-757 MHz
Bandwidth:	18 MHz 11 MHz	29 MHz
Passband Return Loss:	≥18 dB	≥18 dB
Passband Insertion Loss:	≤1.0 dB	≤1.0 dB
Input / Output Impedance:	50 Ohms	50 Ohms
Rejection:	≥70 dB @ 728- 757 MHz	≥70 dB @ 698- 716 MHz, 776-787 MHz
Isolation:	≥70 dB	≥70 dB
Power Handling:	80W (Avg.) 1KW (Peak)	80W (Avg.) 1KW (Peak)
IM3 at Duplexed Port in Rx Band:	≥135dBc (2*+43dBm)	≥135dBc (2*+43dBm)

<u>Mechanical</u>	
Mounting Method:	Threaded Mounting Holes
Connector Type:	N-Type (F)
Dimensions:	7.07 x 7.01 x 2.40 inches

<u>Environmental</u>	
Operating Temperature:	-40 to +65 deg.C
Storage Temperature:	-50 to +90 deg.C

Outline Drawing:

