



**21-80-04-1  
LOW PASS FILTER  
30 to 600 MHz**



The 21-80-04-1 is a low pass filter designed to pass frequencies in the range 30-600 MHz and provide isolation to frequencies in the range 960-1220 MHz.

The 21-80-04-1 comprises a Tchebyscheff low pass filter produced using discrete coils and low-loss chip capacitors, located on a thin printed circuit card within a aluminium alloy tubular housing, the ends of which are sealed and fitted with the RF connectors.

**SPECIFICATION**

<b>Frequency ranges</b>	<b>Pass band: 30-600 MHz</b> <b>Stop band: 960-1220 MHz</b>
<b>Impedance</b>	<b>50 Ω nominal</b>
<b>VSWR</b>	<b>≤ 1.25:1</b>
<b>Insertion Loss</b>	<b>≤ +0.5 dB</b>
<b>Isolation</b>	<b>≥ 45 dB</b>
<b>Connector</b>	<b>1 x TNC Male</b> <b>1 x TNC Female</b>
<b>Power</b>	<b>200 Watts CW</b>

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