



**21-80-69**  
**E-BAND POWER DIVIDER**  
**2.4 - 2.5 GHz**

The 21-80–69 is an E-Band power divider intended for use where a single antenna is being connected to two separate radios operating in the frequency band 2.4 to 2.5 GHz.

Design comprises a high quality stripline Wilkinson Divider in an environmentally sealed Aluminum /Alloy box having 3 BNC female connectors.



**SPECIFICATION**

<b>Frequency Ranges</b>	<b>2.4 to 2.5 GHz</b>
<b>Impedance</b>	<b>50 <math>\Omega</math> nominal</b>
<b>VSWR</b>	<b>1.5:1 max</b>
<b>Insertion Loss</b>	<b><math>\leq</math> 0.5 dB (plus 3 dB Split)</b>
<b>Isolation</b>	<b><math>\geq</math> 30 dB</b>
<b>Connector</b>	<b>3 of BNC Female</b>
<b>Max Dimensions (excluding connectors)</b>	<b>6.3 x 2.8 x 1.6 inches (160 x 70 x 40 mm)</b>
<b>Mounting</b>	<b>3 holes</b>
<b>Weight</b>	<b>2 lbs (0.95 kg)</b>
<b>Temperature Range</b>	<b>-40°C to +70°C</b>

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