



**ZEUS** *Technology Systems, Inc.*  
 Technical Data Sheet

**ZMC-158**  
**8-Port Multicoupler**



*Front and rear views of the ZMC-158*

**ZMC-158 SPECIFICATIONS**

<b>Configuration</b> .....	1 input, 8 outputs
<b>Band Coverage</b> .....	20 MHz to 2.5 GHz
<b>Gain: 20 MHz – 1.0 GHz</b> .....	+5dB, +/- 1.5 dB
<b>1.0 GHz – 2.5 GHz</b> .....	+4dB, +/- 1.5 dB
<b>Noise Figure</b> .....	9 dB, max.
<b>Input Third Order Intercept</b> .....	+5 dB, min.
<b>1 dB compression, output</b> .....	+10 dBm
<b>VSWR, all ports</b> .....	2:1, max.
<b>Isolation, output/output</b> .....	>50 dB, typ.
<b>Max Input Drive (no damage)</b> .....	+20 dBm
<b>Physical</b> .....	1-U Rack Chassis, rear type N connectors
<b>Power</b> .....	108 – 130 VAC, 15 Watts

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