



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

**ZMC-258**  
**8-Port Wideband Multicoupler**



*Front and rear views of the ZMC-258*

**ZMC-258 SPECIFICATIONS**

**Input**

Input Power Level..... 0 dBm, Operating;  
 +30 dBm, Continuous, Max.  
 VSWR..... 1.5:1, Max.

**Outputs (8)**

Frequency Range..... 1.4 GHz to 2.4 GHz  
 Gain..... 5 dB (+0dB / -3dB)  
 Gain Flatness..... +/- 1.0 dB  
 Noise Figure..... 12 dB, Max.  
 Input Third-Order Intercept..... +10 dBm, Min.  
 VSWR..... 1.5:1 Max.  
 Isolation..... -50 dB, Min.  
 Temperature Range..... 0° C to 50° C

**Power**

Input..... 117 VAC +/- 10V, 60 Hz +/- 5 Hz  
 Fuse..... 250V, 0.5 A

**Connections**

RF..... Type "N" (BNC optional)  
 Power..... 3 Pin, Screw Lock (MS 3106A10SL-3S)

**Mechanical**

..... 19" Rack Mount, 1 3/4 " High