

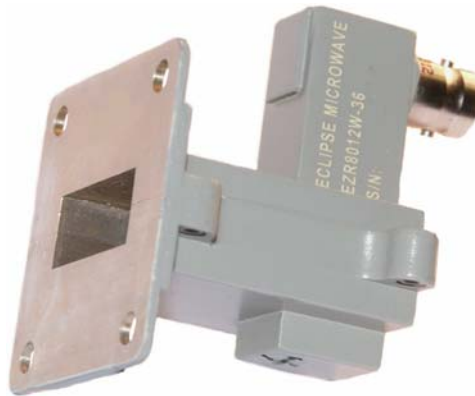
DATA SHEET

MODEL NO: EZR8012W-36

Zero Bias Schottky Diode Waveguide Detectors

8.0 to 11.0 GHz

- ✚ No Bias Required
- ✚ Negative Polarity
- ✚ Extremely Flat Frequency Response
- ✚ Terminated Input for High Sensitivity
- ✚ Maximum Input Power: + 20 dBm CW or 100 mW CW
- ✚ Operating Temp: -0 °C to +90 °C
- ✚ Storage Temp: -55 °C to +125 °C



APPLICATIONS:

- Radar Systems
- SATCOM
- Airborne Systems
- Shipboard Systems
- Tracking Systems
- Identification Systems

The Model EZR8012W-36 is a waveguide mount Zero Bias Schottky Diode Detector power monitor with WR90 flange input and BNC (Female) output interface. This unit is designed for rugged military environmental applications.

Contact the factory for other custom applications or frequency ranges.

DESCRIPTON	SPECIFICATION			UNITS
	TYP	MIN	MAX	
Frequency		8.0	11.0	GHz
Voltage Sensitivity		500		mV/mW
VSWR	3.0:1	2.0:1	4.0:1	
Flatness			±0.50	dB
Polarity	(+)			Positive
Tss	-50			dBm
Specifications at +25°C and -20 dBm input power				

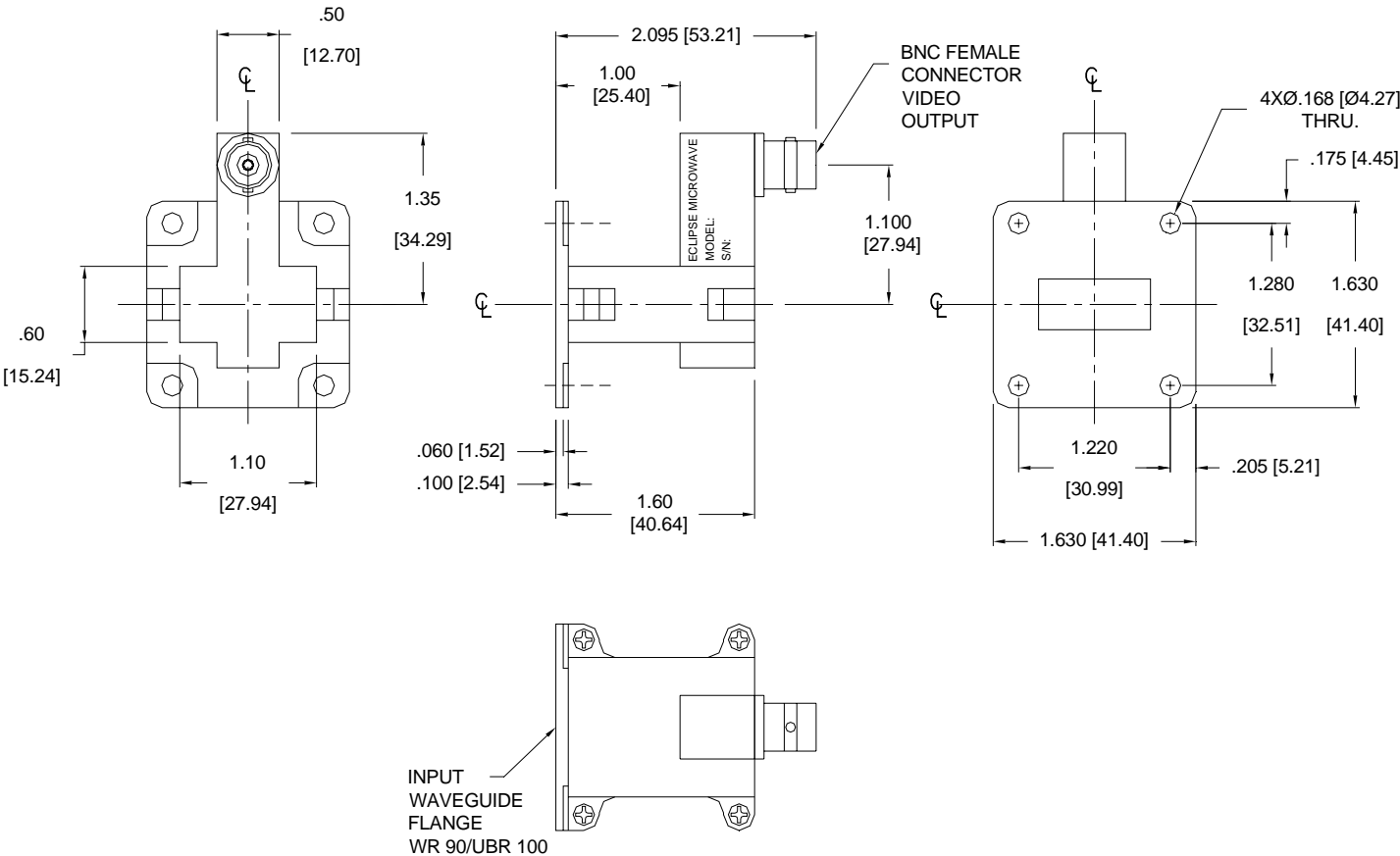


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