

ZBD Schottky Detector SMA – BNC Interface (NB)

0.01 to 18.5 GHz

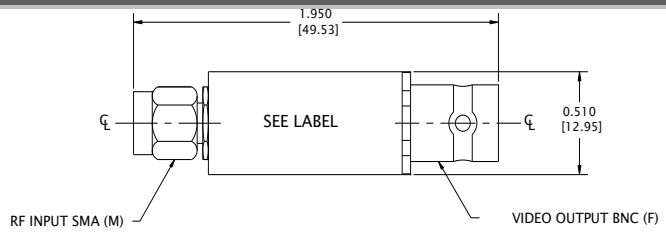
MODEL NO: EZM0118NB

PRODUCT FEATURE

- †No Bias Required
- †Negative (-) Polarity
- †Broadband Flat Frequency Response
- †Excellent VSWR

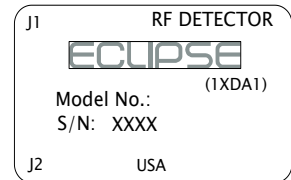
Max Input Power: +27 dBm Peak
+20 dBm CW
Operating Temperature: -54°C to +100°C
Storage Temperature: -65°C to +100°C

Specification @ 25°C & -20 dBm Input Power



NOTE, UNLESS OTHERWISE SPECIFIED.

1. DIMENSIONS ARE IN INCHES[mm].
2. TOLERANCES: ±.020[0.51]
3. MATERIAL: PASSIVATED STAINLESS STEEL.



Parameters	SPECIFICATION				
	FREQ. (GHz)	MIN (dB)	TYPICAL (dB)	MAX (dB)	Units
Voltage Sensitivity	0.01 to 18.5	300	400	500	mV/mW Open Circuit
Voltage Sensitivity Stability over Temperature	0.01 to 18.5	2.5	3.0	3.5	dB
VSWR	0.01 to 18.5		1.5	1.6	
Flatness	0.01 to 18.5		±0.40	±0.50	dB
Polarity			Neg (-)		eV
Video Capacitance		420	470	500	pF
Dynamic Range	0.01 to 18.5	-30		+20	dBm

NOTES:

1. Negative output polarity is standard. Add P to the end of the model number for positive polarity, EZM0118PNB
2. Typical values are measured at +25°C and are not guaranteed

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Typical Performance @ 25°C

