

**2-50 GHz DIRECTIONAL DETECTORS**

**SPECIFICATIONS**

<b>FREQUENCY RANGE</b>		2-50 GHz
<b>FREQUENCY SENSITIVITY</b> (with respect to output)		± 3.3 dB
<b>DIRECTIVITY</b>		> 13 dB, 2-26.5 GHz > 10 dB, 26.5-50 GHz
<b>MAXIMUM VSWR</b> (any port)		1.50, 2-26.5 GHz 1.80, 26.5-50 GHz
<b>INSERTION LOSS</b>	202050010 202050013 202050016	< 2.00 dB < 1.80 dB < 1.70 dB
<b>LOW LEVEL SENSITIVITY</b>	202050010 202050013 202050016	> 40 $\mu\text{V}/\mu\text{W}$ > 20 $\mu\text{V}/\mu\text{W}$ > 10 $\mu\text{V}/\mu\text{W}$
<b>DETECTOR OUTPUT POLARITY</b>		Negative
<b>POWER RATING</b> (input)	202050010 202050013 202050016	1.0 W 2.0 W 4.0 W
<b>STANDARD CONNECTORS</b>		2.4 mm Female
DET OUT		SMA Female, BNC Female, or SMC Jack
<b>WEIGHT</b> (ounces)		1.6
<b>OPERATING TEMPERATURE</b>		-54° to +85° C

**DIMENSIONS**
