

**1.7-20.0 GHz DIRECTIONAL DETECTOR**

**SPECIFICATIONS**

<b>FREQUENCY RANGE</b>	1.7-20.0 GHz
<b>FREQUENCY SENSITIVITY</b> (with respect to output)	± 0.7 dB, 1.7-18.0 GHz ± 0.9 dB, 18-20 GHz
<b>DIRECTIVITY</b>	> 15 dB, 1.7-18 GHz > 13 dB, 18-20 GHz
<b>MAXIMUM VSWR</b> (any port)	1.35, 1.7-18.0 GHz 1.45, 18-20 GHz
<b>INSERTION LOSS</b>	< 0.8 dB < 1.0 dB
<b>LOW LEVEL SENSITIVITY</b>	> 10 μV/μW
<b>DETECTOR OUTPUT POLARITY</b>	Negative
<b>POWER RATING</b> (input)	4 W
<b>STANDARD CONNECTORS</b>	
RF	3.5 Female
Optional:	3.5 Male
DET OUT	SMA Female, BNC Female, or SMC Jack
<b>WEIGHT</b> (ounces)	2.2
<b>OPERATING TEMPERATURE</b>	-54° to +85° C

**DIMENSIONS**
