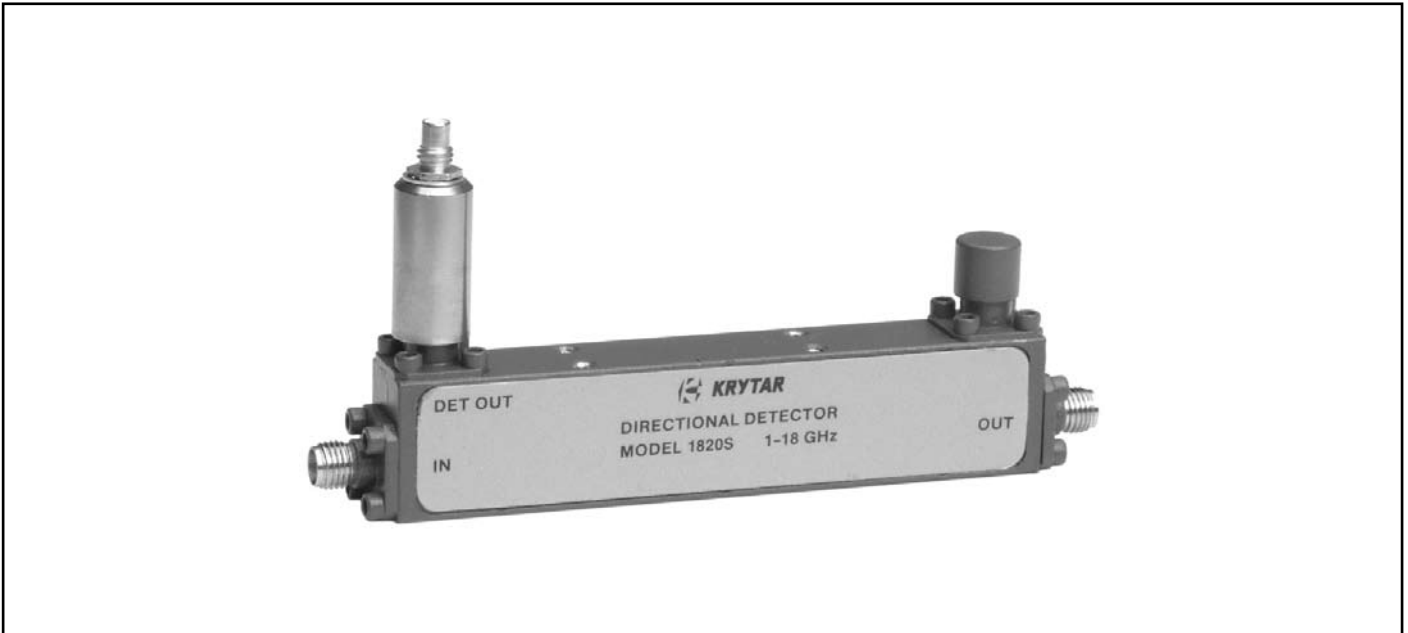


**1-18 GHz DIRECTIONAL DETECTORS**

**SPECIFICATIONS**

<b>FREQUENCY RANGE</b>		1-18 GHz
<b>FREQUENCY SENSITIVITY</b> (with respect to output)		± 0.5 dB, 1-12.4 GHz ± 0.7 dB, 1-18 GHz
<b>DIRECTIVITY</b>		> 16 dB
<b>MAXIMUM VSWR</b> (any port)		1.35
<b>INSERTION LOSS</b>	1821S 1820S	< 1.3 dB < 0.9 dB
<b>LOW LEVEL SENSITIVITY</b>	1821S 1820S	> 40 µV/µW > 10 µV/µW
<b>DETECTOR OUTPUT POLARITY</b>		Negative
<b>POWER RATING</b> (input)	1821S 1820S	1 W 4 W
<b>STANDARD CONNECTORS</b>		
RF		SMA Female
Optional:		N Female
DET OUT		SMA Female, BNC Female, or SMC Jack
<b>WEIGHT</b> (ounces)		
N Female RF Connectors		4.6
SMA Female RF Connectors		3.2
<b>OPERATING TEMPERATURE</b>		-54° to +85° C

**DIMENSIONS**
