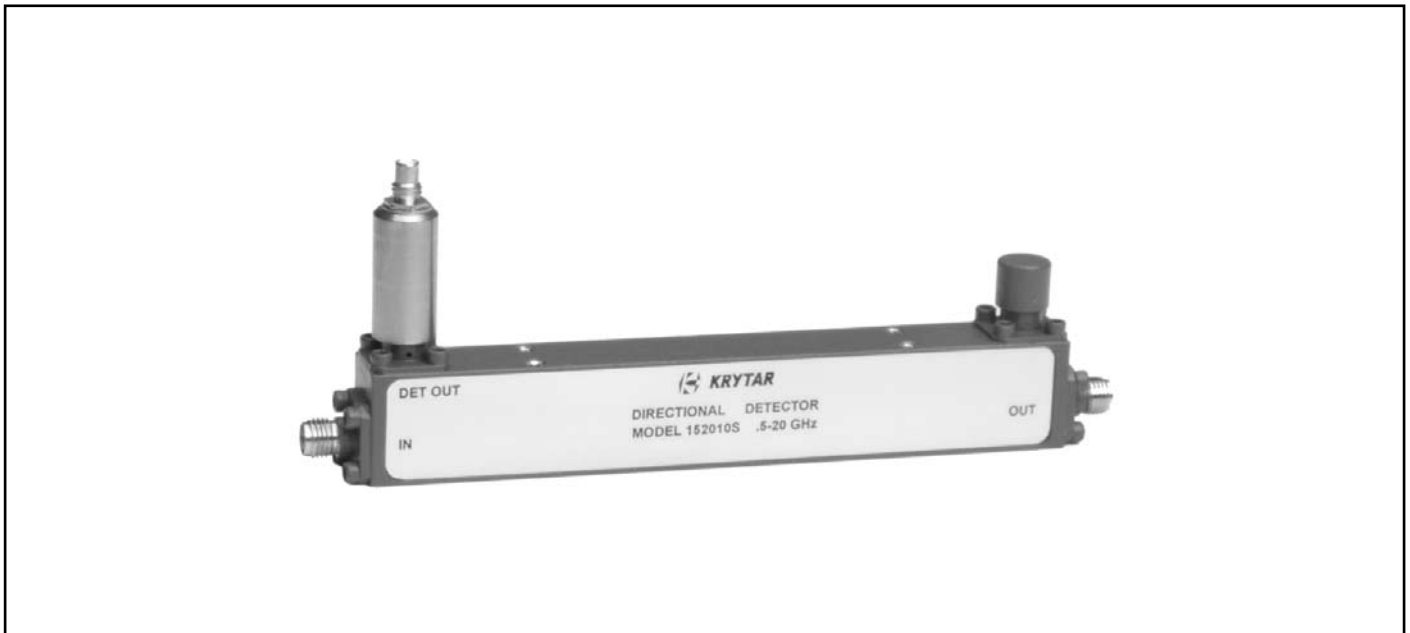


**0.5-20.0 GHz DIRECTIONAL DETECTORS**

**SPECIFICATIONS**

<b>FREQUENCY RANGE</b>		0.5-20.0 GHz
<b>FREQUENCY SENSITIVITY</b> (with respect to output)		± 0.8 dB
<b>DIRECTIVITY</b>		> 15 dB
<b>MAXIMUM VSWR</b> (any port)		1.35
<b>INSERTION LOSS</b>	152010S	< 1.65 dB
	152013S	< 1.40 dB
<b>LOW LEVEL SENSITIVITY</b>	152010S	> 40 $\mu\text{V}/\mu\text{W}$
	152013S	> 20 $\mu\text{V}/\mu\text{W}$
<b>DETECTOR OUTPUT POLARITY</b>		Negative
<b>POWER RATING</b> (input)	152010S	1 W
	152013S	2 W
<b>STANDARD CONNECTORS</b>		
RF		SMA Female
Optional:		SMA Male or N Female
DET OUT		SMA Female, BNC Female, or SMC Jack
<b>WEIGHT</b> (ounces)		
SMA Female Connectors		3.8
N Female Connectors		5.7
<b>OPERATING TEMPERATURE</b>		-54° to +85° C

**DIMENSIONS**
