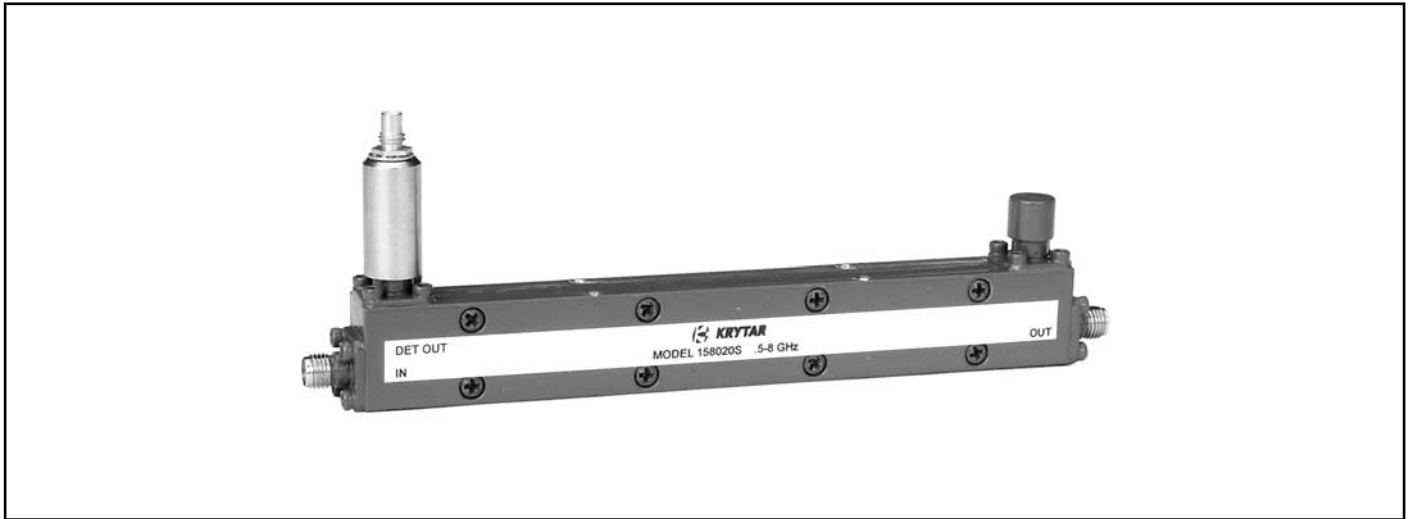


0.5-8.0 GHz DIRECTIONAL DETECTOR

SPECIFICATIONS

FREQUENCY RANGE	0.5-8.0 GHz	
FREQUENCY SENSITIVITY (with respect to output)	158006S	± 0.8 dB
	158010S	± 0.8 dB
	158016S	± 0.6 dB
	158020S	± 0.6 dB
DIRECTIVITY	> 15 dB	
MAXIMUM VSWR (any port)	1.35	
INSERTION LOSS	158006S	< 1.70 dB
	158010S	< 1.30 dB
	158016S	< 0.85 dB
	158020S	< 0.80 dB
LOW LEVEL SENSITIVITY	158006S	> 100 $\mu\text{V}/\mu\text{W}$
	158010S	> 40 $\mu\text{V}/\mu\text{W}$
	158016S	> 10 $\mu\text{V}/\mu\text{W}$
	158020S	> 4 $\mu\text{V}/\mu\text{W}$
DETECTOR OUTPUT POLARITY	Negative	
POWER RATING (input)	158006S	.4 W
	158010S	1 W
	158016S	4 W
	158020S	10 W
STANDARD CONNECTORS	RF	SMA Female
	Optional:	SMA Male or N Female
	DET OUT	SMA Female, BNC Female, or SMC Jack
WEIGHT (ounces)	4.1	
OPERATING TEMPERATURE	-54° to +85° C	

DIMENSIONS
