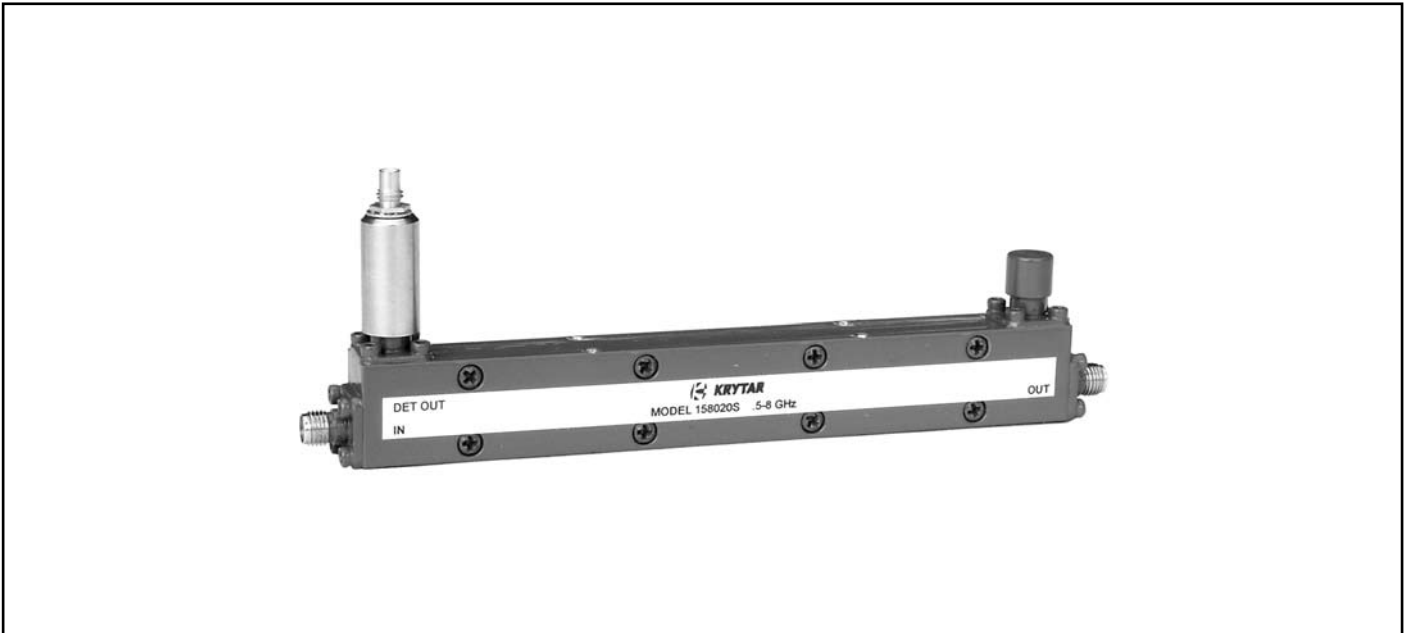


0.5-8.0 GHz DIRECTIONAL DETECTOR

SPECIFICATIONS

FREQUENCY RANGE		0.5-8.0 GHz
FREQUENCY SENSITIVITY (with respect to output)	158010S	± 0.8 dB
	158016S	± 0.6 dB
	158020S	± 0.6 dB
DIRECTIVITY		> 15 dB
MAXIMUM VSWR (any port)		1.5
INSERTION LOSS	158010S	< 1.30 dB
	158016S	< 0.85 dB
	158020S	< 0.80 dB
LOW LEVEL SENSITIVITY	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)	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
