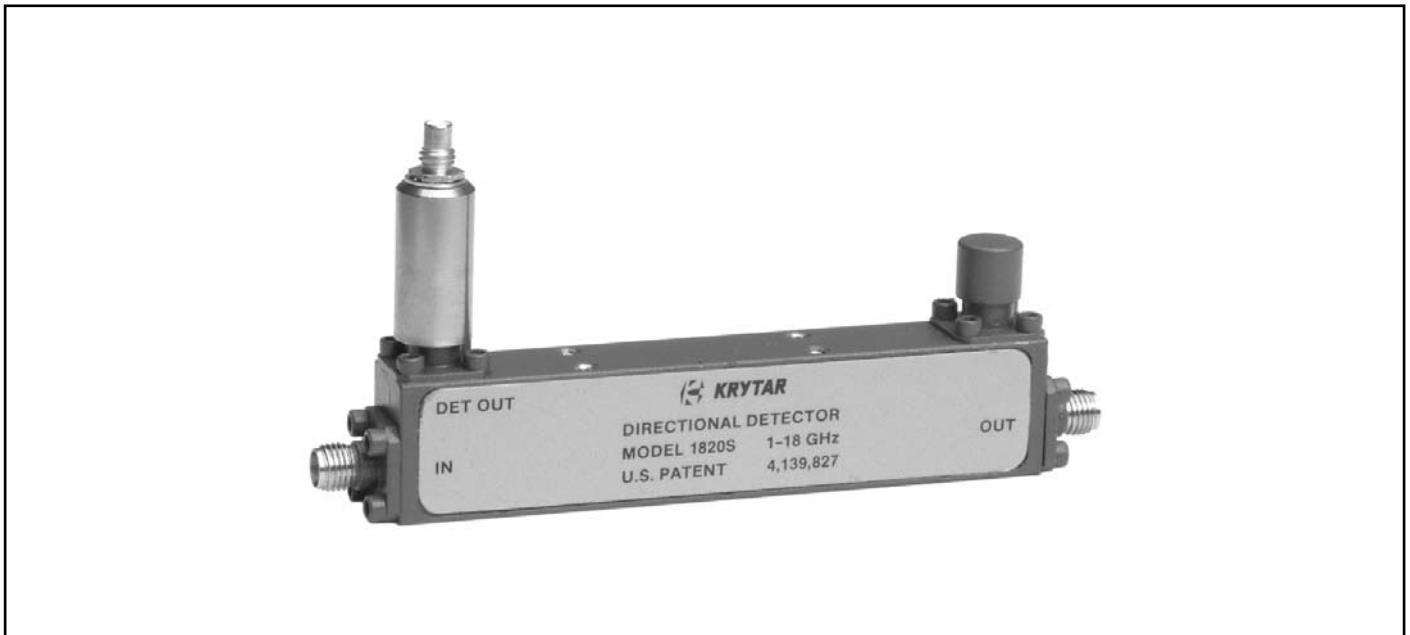


1-18 GHz DIRECTIONAL DETECTORS

SPECIFICATIONS

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

DIMENSIONS
