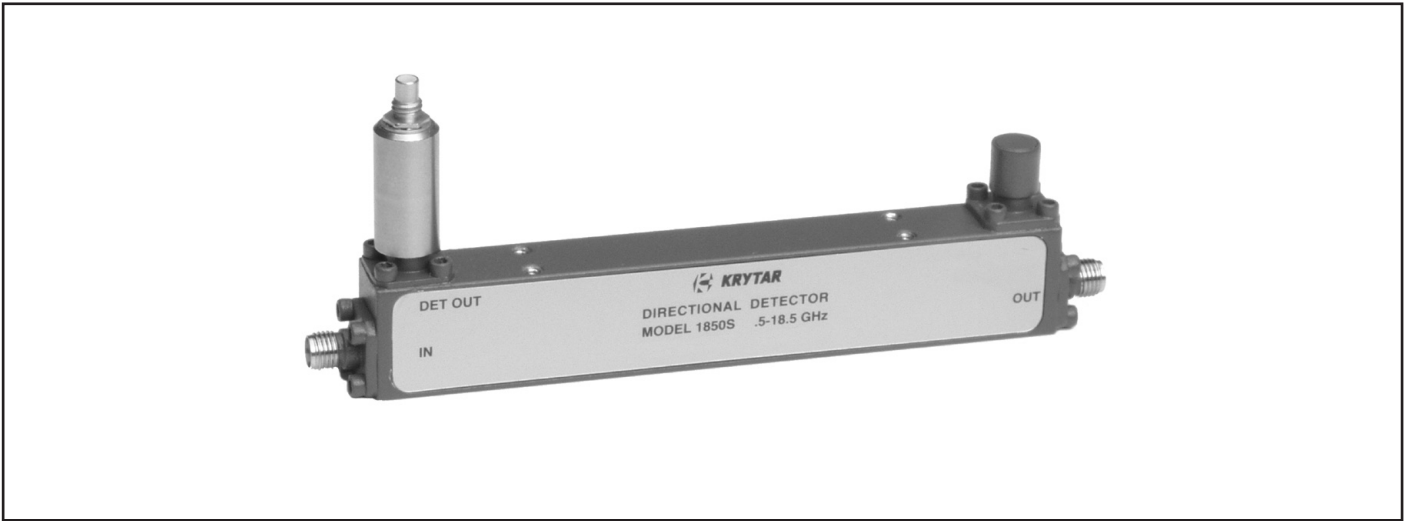




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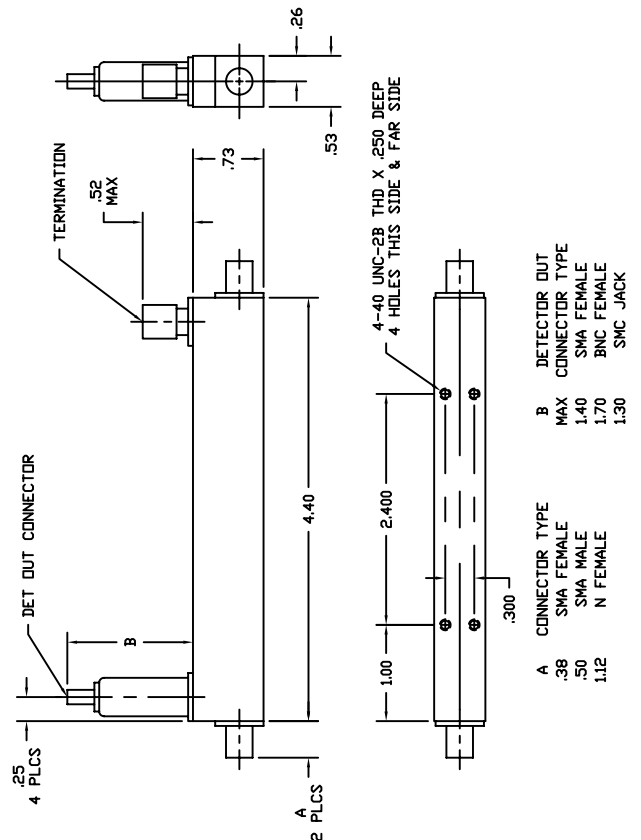
MODELS 1850S, 1851S & 1852S
0.5-18.5 GHz DIRECTIONAL DETECTORS



SPECIFICATIONS

FREQUENCY RANGE		0.5-18.5 GHz
FREQUENCY SENSITIVITY (with respect to output)		± 1.0 dB
DIRECTIVITY		> 15 dB, 0.5-12.4 GHz > 12 dB, 12.4-18.5 GHz
MAXIMUM VSWR (any port)		1.35
INSERTION LOSS	1851S	< 1.5 dB
	1850S, 1852S	< 1.1 dB
LOW LEVEL SENSITIVITY	1851S	> 40 µV/µW
	1850S	> 10 µV/µW
	1852S	> 4 µV/µW
DETECTOR OUTPUT POLARITY		Negative
POWER RATING (input)	1851S	1 W
	1850S	4 W
	1852S	10 W
STANDARD CONNECTORS		
RF		SMA Female
Optional:		SMA Male or N Female
DET OUT		SMA Female, BNC Female, or SMC Jack
WEIGHT (ounces)		
N Female RF Connectors		5.2
SMA Female RF Connectors		3.8
OPERATING TEMPERATURE		-54° to +85° C

DIMENSIONS



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