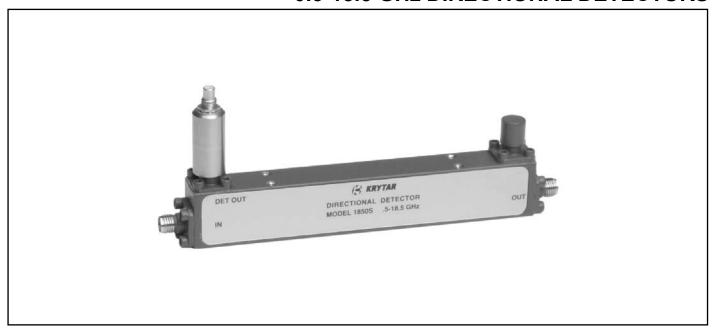


MODELS 1850S & 1851S

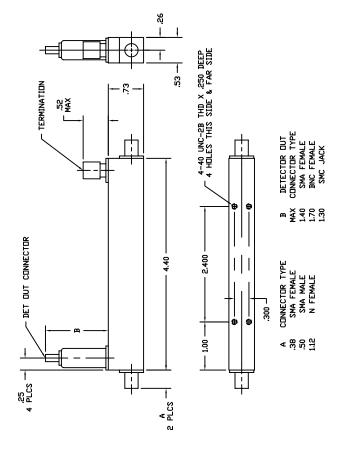
0.5-18.5 GHz DIRECTIONAL DETECTORS



SPECIFICATIONS

DIMENSIONS

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 1850S	< 1.5 dB < 1.1 dB
LOW LEVEL SENSITIVITY		
	1851S 1850S	> 40 μV/μW > 10 μV/μW
DETECTOR OUTPUT POLARITY		Negative
POWER RATING (input)	1851S 1850S	1 W 4 W
STANDARD CONNECTORS		
RF Optional: DET OUT SM	A Female, E	SMA Female SMA Male or N Female BNC Female, or SMC Jack
WEIGHT (ounces)		





N Female RF Connectors

OPERATING TEMPERATURE

SMA Female RF Connectors

5.2

3.8

-54° to +85° C