

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 < 1.1 dB
LOW LEVEL SENSITIVITY	1851S > 40 µV/µW 1850S > 10 µV/µW
DETECTOR OUTPUT POLARITY	Negative
POWER RATING (input)	1851S 1 W 1850S 4 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
