

2-50 GHz DIRECTIONAL DETECTORS

SPECIFICATIONS

FREQUENCY RANGE		2-50 GHz
FREQUENCY SENSITIVITY (with respect to output)		± 3.3 dB
DIRECTIVITY		> 13 dB, 2-26.5 GHz > 10 dB, 26.5-50 GHz
MAXIMUM VSWR (any port)		1.50, 2-26.5 GHz 1.80, 26.5-50 GHz
INSERTION LOSS	202050010 202050013 202050016	< 2.00 dB < 1.80 dB < 1.70 dB
LOW LEVEL SENSITIVITY	202050010 202050013 202050016	> 40 $\mu\text{V}/\mu\text{W}$ > 20 $\mu\text{V}/\mu\text{W}$ > 10 $\mu\text{V}/\mu\text{W}$
DETECTOR OUTPUT POLARITY		Negative
POWER RATING (input)	202050010 202050013 202050016	1.0 W 2.0 W 4.0 W
STANDARD CONNECTORS		2.4 mm Female
DET OUT		SMA Female, BNC Female, or SMC Jack
WEIGHT (ounces)		1.6
OPERATING TEMPERATURE		-54° to +85° C

DIMENSIONS
