



MODELS 210040010, 210040010K 210040020 & 210040020K

10-40 GHz DIRECTIONAL DETECTORS



SPECIFICATIONS

FREQUENCY RANGE	10-40 GHz
FREQUENCY SENSITIVITY (with respect to output)	± 0.9
DIRECTIVITY	> 10 dB
MAXIMUM VSWR (any port)	1.7
INSERTION LOSS	
210040010 & 210040010K	< 1.7 dB
210040020 & 210040020K	< 1.3 dB
LOW LEVEL SENSITIVITY	
210040010 & 210040010K	> 40 $\mu\text{V}/\mu\text{W}$
210040020 & 210040020K	> 4 $\mu\text{V}/\mu\text{W}$
DETECTOR OUTPUT POLARITY	Negative
POWER RATING (input)	
210040010 & 210040010K	1 W
210040020 & 210040020K	10 W
STANDARD CONNECTORS	
RF 210040010 & 210040020	2.4 mm Female
210040010K & 210040020K	2.92 mm Female
DET OUT	SMA Female, BNC Female, or SMC Jack
WEIGHT (ounces)	1.5
OPERATING TEMPERATURE	-54° to +85° C

DIMENSIONS

