

## DK1 and DK4 SWR detectors

DK1 and DK4 series SWR detectors are used in R2M analyzers to detect electromagnetic wave reflected from DUT port when measuring reflection coefficient modulus and VSWR. Microwave connectors of SWR detectors are made of durable materials capable to withstand at least 3000 connect/disconnect cycles.



### Specifications

	DK1-04-01R-01R, DK1-04-11R-11R	DK4-18-01R-01R, DK4-18-11R-11R	DK4-20-03R-03R	DK4-20-13R-13R	DK4-50-05R-05R
Connectors	type III (female)	type N (female)	type IX, ver. 3 (female)	3.5 mm (female)	2.4 mm (female)
Frequency range	10 MHz ... 4 GHz	10 MHz ... 18 GHz	10 MHz ... 20 GHz *		10 MHz ... 40 GHz
VSWR, max	1.2	1.25	1.2		1.2 to 10 GHz 1.5 to 40 GHz
Directivity, dB	32	35			35 to 10 GHz 30 to 40 GHz
Wave impedance, Ohm	50				
Maximum input power, dBm	+27				
Rated insertion loss, dB	6				

\* Measurements up to 18 GHz are regulated by OT for R2M-18A.