

PHASE DETECTORS

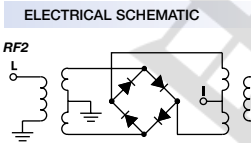
1 MHz to 400 MHz
50 Ω (Hermetic)



MODEL PREFIX	FREQUENCY (MHz)		POWER IN RF1 RF2 (dBm)	SCALE FACTOR mV/deg.	IMPEDANCE (ohms) output load I	ISOLATION (dB) RF1-RF2 Min.	OUTPUT POLARITY RF1/RF2 IN-PHASE	DC OUTPUT (mV) note 1		
	RF1	RF2						Max. Typ.	Min.	Offset Typ. Max.

HIGH OUTPUT up to 1000 mV DC output

MPD-1	1-100	DC-50	7	8	500	40	neg.	1000	700	0.2	1
RPD-1	1-100	DC-50	7	8	500	40	neg.	1000	700	0.2	1
RPD-2	5-150	DC-50	7	8	500	40	neg.	1000	700	0.3	1
MPD-2	10-200	DC-50	7	8	500	40	neg.	1000	700	0.3	1
MPD-21	50-400	DC-50	7	7	500	40	neg.	800	500	0.5	1



PHASE SHIFTERS 50 Ω (Hermetic)

13 MHz to 16 MHz



MODEL PREFIX	FREQUENCY (MHz)	PHASE RANGE (DEGREES)	INSERTION LOSS (dB)		CONTROL VOLTAGE (V)	CONTROL BANDWIDTH (kHz)	VSWR (:1)		RF POWER (dBm)
			Typ.	Max.			Typ.	Max.	

180° VOLTAGE VARIABLE

SPH-16	13 - 16	180	1.2	2.5	0 - 7	DC-50	1.2	1.7	0
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