

PHASE DETECTORS 50 Ω

1 MHz to 650 MHz

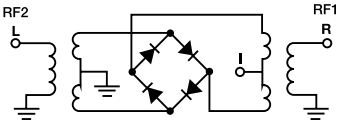


MODEL PREFIX	FREQUENCY (MHz)		POWER IN RF1 RF2 (dBm)	SCALE FACTOR mV/deg.	IMPEDANCE (OHMS) output load I	ISOLATION (dB) RF1-RF2 Min.	OUTPUT POLARITY RF1/RF2 In-phase	DC OUTPUT (mV)				FIGURE-OF-MERIT M Typ.
	RF1	RF2						Max. Typ.	Min.	Typ.	Offset Max.	

HIGH OUTPUT

SYPD-1	1-100	DC-50	7	8	500	40	neg.	1000	700	0.2	1	143
SYPD-2	10-200	DC-50	7	8	500	40	neg.	1000	700	0.3	1	143
SYPD-52	400-500	DC-50	7	8	500	30	neg.	900	700	0.7	1.2	129
SYPD-52W	300-650	DC-50	7	8	500	28	neg.	850	700	1.0	5.0	129

ELECTRICAL SCHEMATIC



PHASE SHIFTERS 50 Ω

1.8 MHz to 2484 MHz



JCPHS Case BG419



JSPHS Case BK276

MODEL PREFIX	FREQUENCY (MHz)	PHASE RANGE (degrees)	INSERTION LOSS (dB)		CONTROL VOLTAGE (V)	CONTROL BANDWIDTH	VSWR (:1)	
			Min.	Typ. Max.			Typ.	Typ. Max.

180° VOLTAGE VARIABLE

JCPHS-2.5	1.8-25	180	0.9	2.7	0-18	DC-50 kHz	1.2	1.8
JSPHS-12	8-12	180	0.9	2.5	0-15	DC-50 kHz	1.2	1.8
JSPHS-16	12-16	180	1.2	2.5	0-7	DC-50 kHz	1.2	1.8
JSPHS-26	18-26	180	1.2	3.0	0-12	DC-50 kHz	1.2	1.7
JSPHS-32	26-32	180	1.2	2.5	0-12	DC-50 kHz	1.2	1.9
JSPHS-51	36-54	180	1.2	2.5	0-12	DC-50 kHz	1.2	1.8
JSPHS-150	100-150	180	1.2	2.5	0-12	DC-30 kHz	1.2	1.7
JSPHS-42	300-400	180	1.4	2.8	0-12	DC-50 kHz	1.3	1.9
JSPHS-446	366-446	180	1.2	2.5	0-12	DC-50 kHz	1.2	1.7
JSPHS-661	400-660	180	1.2	2.5	0-15	DC-50 kHz	1.2	2.2
JSPHS-1000	700-1000	160	1.2	2.3	0-15	DC-50 kHz	1.2	2.6
JSPHS-23	1700-2000	180	2.0	3.5	0-15	DC-50 kHz	1.5	2.9
JSPHS-2484	2150-2484	180	2.0	5.6	0-15	DC-50 kHz	1.5	2.0

ELECTRICAL SCHEMATIC

