

POWER DETECTORS

50 Ω

10 MHz to 8 GHz -60 dBm to +20 dBm



ZX47
Case HN1173

Model Prefix	Frequency (MHz)		Dynamic Range @ ± 1dB Error (dBm) Typ.	Output Voltage Range (V) Typ.	Slope (mV/dB) Typ.	VSWR (:1) Typ.	Pulse Response Time		Temp. Sensor Output Slope (mV/°C) Typ.	DC Operating Power			
	Min.	Max.					Rise (nsec) Typ.	Fall (nsec) Typ.		Vcc (volts) Min. Typ. Max.	Current (mA) Typ.		
ZX47-60	10	1000	-55 to 0	0.50-2.10	-25	1.1	400	10	2.00	4.5	5.0	5.5	100
	1000	5000	-60 to -5										
	5000	6000	-55 to +5										
	6000	8000	-50 to +5										
ZX47-60LN	10	1000	-55 to 0	0.50-2.10	-25	1.1	800	400	2.00	4.5	5.0	5.5	100
	1000	5000	-60 to -5										
	5000	6000	-55 to +5										
	6000	8000	-50 to +5										
ZX47-55	10	1000	-50 to +5	0.50-2.10	-25	1.05	400	10	2.00	4.5	5.0	5.5	100
	1000	5000	-55 to 0										
	5000	6000	-50 to +5										
	6000	8000	-45 to +10										
ZX47-55LN	10	1000	-50 to +5	0.50-2.10	-25	1.05	800	400	2.00	4.5	5.0	5.5	100
	1000	5000	-55 to 0										
	5000	6000	-50 to +5										
	6000	8000	-45 to +10										
ZX47-50	10	1000	-45 to +10	0.50-2.10	-25	1.05	400	10	2.00	4.5	5.0	5.5	100
	1000	5000	-50 to +5										
	5000	6000	-45 to +10										
	6000	8000	-40 to +15										
ZX47-50LN	10	1000	-45 to +10	0.50-2.10	-25	1.05	800	400	2.00	4.5	5.0	5.5	100
	1000	5000	-50 to +5										
	5000	6000	-45 to +10										
	6000	8000	-40 to +15										
ZX47-40	10	1000	-40 to +20	0.50-2.10	-25	1.03	400	10	2.00	4.5	5.0	5.5	100
	1000	5000	-40 to +15										
	5000	6000	-35 to +20										
	6000	8000	-30 to +20										
ZX47-40LN	10	1000	-40 to +20	0.50-2.10	-25	1.03	800	400	2.00	4.5	5.0	5.5	100
	1000	5000	-40 to +15										
	5000	6000	-35 to +20										
	6000	8000	-30 to +20										

