

HEROTEK, INC.

155 Baytech Drive
San Jose, CA 95134-2303
www.herotek.com
e-mail: info@herotek.com



Detectors Models Listed Below in Stock for Immediate Delivery.

Consult factory for more details.

Zero Bias Schottky Diode Detectors

Model	Freq Range	Max VSWR**	Max Flatness (+/-dB)**	Low Level Sensitivity (mV / μ W)	Connector Input	Connector Output	Outline
DZM040AA	100 KHz - 4.0 GHz	1.3:1	0.3	0.5	SMA (M)	SMA (F)	A
DZM040AA	100 KHz - 4.0 GHz	1.3:1	0.3	0.5	SMA (M)	SMA (F)	A
DHM124AA*	10 MHz - 12.4 GHz	1.4:1	0.5	1.0	SMA (M)	SMA (F)	A
DZM124NB*	10 MHz - 12.4 GHz	1.4:1	0.5	0.5	Type N (M)	BNC (F)	NB
DZR124AA*	10 MHz - 12.4 GHz	1.25:1	0.3	0.5	SMA (M)	SMA (F)	A
DZR124AC	10 MHz - 12.4 GHz	1.25:1	0.3	0.5	SMA (M)	SMC (M)	AC2
DZ1018*	1 GHz - 18.0 GHz	8.0:1 (Typical)	1.0 (Typical)	1.8	SMA (M)	SMA (F)	B
DHM185AA	10 MHz - 18.5 GHz	1.5:1	0.5	1.0	SMA (M)	SMA (F)	A
DHM185AB*	10 MHz - 18.5 GHz	1.5:1	0.5	1.0	SMA (M)	BNC (F)	AB1
DZM185AA*	10 MHz - 18.5 GHz	1.5:1	0.5	0.5	SMA (M)	SMA (F)	A
DZM185AB*	10 MHz - 18.5 GHz	1.5:1	0.5	0.5	SMA (M)	BNC (F)	AB1
DZM185NB*	10 MHz - 18.5 GHz	1.5:1	0.5	0.5	Type N (M)	BNC (F)	NB
DZR185AA*	10 MHz - 18.5 GHz	1.25:1	0.5	0.5	SMA (M)	SMA (F)	A
DHM265AAP*	10 MHz - 26.5 GHz	2:01	1.0	1.0	SMA (M)	SMA (F)	A
DZR265AA*	10 MHz - 26.5 GHz	2:1	1.0	0.5	SMA (M)	SMA (F)	A
DZ1026	1 GHz - 26.0 GHz	8.0:1 (Typical)	1.5 (Typical)	1.6	SMA (M)	SMA (F)	B
DZR400KA*	10 MHz - 40 GHz	1.8:1	1.0	0.4	K (M) (2.9mm)	SMA (F)	C1
DZR400KB*	10 MHz - 40 GHz	1.8:1	1.0	0.4	K (M) (2.9mm)	BNC (F)	KB
DZR50024A*	10 MHz - 50 GHz	2.0:1	1.0	0.5	2.4mm (M)	SMA (F)	24A

* Positive output version available in stock. Add P to the suffix

** See Datasheet for more details of VSWR and Flatness over narrower frequency bands

Tunnel Diode Detector for Pulse CW Power Monitoring

Model	Freq Range	Typ Sensitivity K (mV/mW)	Rise Time (nsec)	Max Input Power (W)	Max VSWR	Connector Input	Connector Output
DTM180AA*	1.0 - 18.0	300	2 (max) 1 (typ)	1	2:1	SMA (M)	SMA (F)
DTM180AB*	1.0 - 18.0	300	2 (max) 1 (typ)	1	2:1	SMA (M)	BNC (F)
DTM180NB*	1.0 - 18.0	300	2 (max) 1 (typ)	1	2:1	Type N (M)	BNC (F)

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Tunnel Diode Detector

Model	Freq Range (GHz)	Min Sensitivity K (mV /mW)	Typical TSS (dBm)	Max Flatness (+/- dB)	Typ VSWR	Typ Output Capacitance (pF)	Outline
DT0105	0.1 - 0.5	1000	-51	0.75	2.0:1	200	B
DT0520	0.5 - 2.0	800	-50	0.7	2.0:1	50	B
DT1020P	1.0 - 2.0	1000	-51	0.5	2.0:1	20	B
DT2040	2.0 - 4.0	1000	-51	0.5	2.0:1	10	B
DT2080	2.0 - 8.0	800	-50	0.75	3.0:1	10	B
DT4080	4.0 - 8.0	900	-51	0.6	2.5:1	10	B
DT8016P	8.0 - 16.0	800	-50	0.7	2.5:1	10	B
DT1018*	1.0 - 18.0	700	-50	1.0	3.5:1	20	B
DT2018*	2.0 - 18.0	700	-50	1.0	3.5:1	10	B
DT2018K	2.0 - 18.0	600	-49	1.5	3:1	10	K
DT6018	6.0 - 18.0	700	-50	0.9	3.0:1	10	B
DT6018PZ1	6.0 - 18.0	600	-49	1.0	3:1	10	Z1
DT1218P	12.0 - 18.0	750	-50	0.7	2.5:1	10	B
DT1826*	18.0 - 26.0	400	-47	1.0	3.0:1	10	B
DT1840	18.0 - 40.0	300	-46	1.75	4.0:1	10	C1
DT2640	26.0 - 40.0	300	-46	1.5	4.0:1	10	C1

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