

Product Datasheet - Technical Specifications



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- Broadband, low VSWR, good frequency response
- Fast response and high sensitivity
- Used for tests of power, video and fixed amplitude of signal source

Coaxial detector

Model	Frequency range (GHz)	Frequency Response (dB)	VSWR (Max)	Sensitivity (mV/ μ W)	Max. Input Power (dBm)	Input Connector	Output Connector	RF bypass Capacitance	Output Polarity
AV10317	0.01...8	± 0.8	1.5	0.4	+20	SMA (m)	SMA (f)	6.2pf	Negative
AV10318	0.01...18	± 1.0	2.0	0.4	+20	SMA (m)	SMA (f)	6.2pf	Negative
AV70302	0.01... 26.5	± 1.5	2.0	0.4	+20	3.5mm (m)	SMA (f)	6.2pf	Negative
AV70303	0.01...40	± 1.75	2.0	0.35	+20	2.4mm (m)	SMA (f)	6.2pf	Negative

Waveguide detector

Model	Frequency range (GHz)	Frequency Response (dB)	Sensitivity (mV/ μ W)	Max. Input Power (dBm)	Input Connector	Output Connector	Output Polarity
AV70304	26.5...40	± 1.5	0.3	+20	WR28	SMA (f)	Negative
AV82320	33...50	± 1.8	0.3	+20	WR22	SMA (f)	Negative
AV70305	40...60	± 1.8	0.3	+20	WR19	SMA (f)	Negative
AV82322	50...75	± 2.0	0.2	+20	WR15	SMA (f)	Negative
AV70306	75...110	± 2.2	0.1	+20	WR10	SMA (f)	Negative

Dimensions

