

## Voltage Controlled Attenuators

The voltage controlled attenuator is a dual port component that adjusts the signal amplitude between the input and output ports by controlling the DC bias.

**Features:** Broadband, High Dynamic Range, Customization on Demand; **Applications:** Wireless, Transmitter, Laboratory Test, Radar.

### How To Order:

QVA-W-X-Y-Z

Start Frequency (MHz) ———— Connector Type  
 Stop Frequency (MHz) ———— Maximum Attenuation (dB)



**Examples:** To order a voltage controlled attenuator, 0.5~18GHz, attenuation range 0~20dB, SMA, specify QVA-500-18000-20-S.

The sizes in the following table do not include connectors.

Part Number	Frequency (GHz)	Attenuation Range (dB)	Attenuation Flatness (dB)	VSWR (typ.)	Flatness (dB)	Voltage (V)	Connector	Size* (mm)
QVA-500-1000-64-S	0.5-1	0~64	1.5	2	±2.5	0~+10	SMA	-
QVA-500-18000-20-S	0.5~18	0~20	3	2.2	±1.5	0~5	SMA	25*20*9
QVA-1000-2000-64-S	1~2	0~64	1.3	1.5	±2	0~+10	SMA	-
QVA-2000-4000-64-S	2~4	0~64	1.5	1.5	±2	0~+10	SMA	-
QVA-4000-8000-64-S	4~8	0~64	2	1.8	±2	0~+10	SMA	-
QVA-5000-30000-33-K	5~30	0~33	2.5	2	-	-5~0	2.92mm	25*18*9
QVA-8000-12000-64-S	8~12	0~64	2.5	1.8	±2	0~+10	SMA	-
QVA-12000-18000-64-S	12~18	0~64	3	2	±2.5	0~+10	SMA	-
QVA-18000-40000-3-K	18-40	0~30	6	2.5	±1.5	0~+10	2.92mm	-