

	Series	Case Sizes (in)	Frequency Range (GHz)	Attenuation (dB)	Power Rating	Impedance
FIXED ATTENUATORS	ATL • Thick Film • Low Cost	0805	DC ~ 10	0 ~ 10	63 mW	50 Ω
	• Superior attenuation • Low noise and parasitic capacitance	YAT • High Performance Face Down	0603	DC ~ 20	0 ~ 10	64 mW
0805		DC ~ 20	0 ~ 10	64 mW	50 Ω	
IMPEDANCE MATCHING	ATT • Ground Signal Ground (GSG)	0805	DC ~ 30	0 ~ 10	100 mW	50 Ω
IoT, 5G, mmWave						
CELLULAR BASE STATIONS	ATX • High Performance Q-band	0805	DC ~ 40	0 ~ 10	100 mW	50 Ω
SIGNAL CONDITIONING						
	ATQ • mmWave Application	0805	DC ~ 50	0 ~ 10	100 mW	50 Ω

HIGH PRECISION

	Series	Case Sizes (in)	Frequency Range (GHz)	Attenuation (dB)	Power Rating	Impedance
THIN FILM	PAT High stability over temperature and time	0402	DC ~ 10	0 ~ 10	32 mW	50 Ω
		0603	DC ~ 10	0 ~ 10	63 mW	50 Ω
		0805	DC ~ 10	0 ~ 10	100 mW	50 Ω
		1206	DC ~ 3	0 ~ 10, 16	125 mW	50 Ω
		1712	DC ~ 3	0 ~ 10, 16, 20	250 mW	50 Ω
AUTOMATIC GAIN CONTROL						
TEST & MEASURE EQUIPMENT	PAT_P • Wide functional frequency range	3042P · 3060P	DC ~ 10	0 ~ 10, 16, 20	1 ~ 1.5 W	50 Ω
Wi-Fi CHIPSET	PAT_W • Wide functional frequency range	1712	DC ~ 10	0 ~ 10, 16, 20	250 mW	50 Ω
		2218	DC ~ 10	0 ~ 10, 16, 20	500 mW	50 Ω

	Series	Case Sizes (in)	Frequency Range (GHz)	Attenuation (dB)	Power Rating	Impedance
<b>FIXED ATTENUATORS</b>  • High sensitivity to temperature • Wide frequency band	<b>ATV</b> • Thermo-sensitive thermistor • Thin Film	0805	DC ~ 3	0 ~ 10	63 mW	50 Ω
		0805	DC ~ 10	0 ~ 6	62.5 mW	50 Ω
		1206	DC ~ 3	0 ~ 10, 16	100 mW	50 Ω
		1206	DC ~ 15	0 ~ 10, 16	100 mW	50 Ω
		1512	DC ~ 6	0 ~ 10	2000 mW	50 Ω
<b>Wi-Fi CHIPSET</b>  <b>CELLULAR BASE STATIONS</b>						
<b>AUTOMATIC GAIN CONTROL</b>	<b>YTV</b> • Thick film • Face down design • Compact size	0805	DC ~ 6	0 ~ 10	63 mW	50 Ω
<b>75 Ω IMPEDANCE</b>						
	Series	Case Sizes (in)	Frequency Range (GHz)	Attenuation (dB)	Power Rating	Impedance
<b>THIN FILM</b>  <b>AUTOMATIC GAIN CONTROL</b>	<b>ATVD</b> • Temperature variable • Thermo-sensitive thermistor	1206	DC ~ 3	0 ~ 10, 16	100 mW	75 Ω
		1512	DC ~ 6	0 ~ 10	2000 mW	75 Ω
<b>TEST &amp; MEASURE EQUIPMENT</b>	<b>PAT</b> • High precision • High stability	1712	DC ~ 2	0 ~ 10, 16, 20	250 mW	75 Ω
	<b>Custom</b> • Attenuator • Equalizer		DC ~ 10			

Note: This guide is a product overview, not exact electrical specification. Please refer to product series specification for electrical characteristics and orderable part number.