

Attenuators

5 Watt, 1~60 dB
DC to 18 GHz

Withwave’s attenuators are designed with stainless steel SMA structure for excellent RF performance up to 18 GHz and 5 Watt. This SMA attenuator has a SMA male gender on side 1 and SMA female connector on side 2. We have various attenuation values from 1 to 60 dB.



Features

- DC to 18 GHz
- Attenuation range : 1~60 dB
- Power rating : 5 W @ 25~70 °C
- Temperature range : -55 ~ 125 °C

Specification

Scope	Specification	AT06-05-XX(XX mean dB)
Electrical	Impedance(Ohm)	50
	Freq. range (GHz)	DC to 18
	Attenuation range (dB)	1-60
	Power rating	5 W @ 25~70 °C
Material	Dielectric	PTFE
	Center Contact	Beryllium copper with gold plated
	Body & Connector	Stainless steel (passivated) Aluminum cooling are with black color

Attenuator (dB)	Accuracy (± dB)			
	DC-4 GHz	4-8 GHz	8-12.4 GHz	12.4-18 GHz
1-10	0.3	0.5	0.6	0.6
11-20	0.3	0.5	0.6	0.6
21-30	0.4	0.6	0.8	1.0
31-40	0.6	0.7	0.9	1.2
41-60	0.7	0.9	-	-

Freq. (GHz)	V.S.W.R	
	Nominal	Precision
DC-4	1.15	1.15
4-8	1.20	1.20
8-12.4	1.30	1.25
12.4-18	1.40	1.35

■ Ordering Information

AT06-05-XX



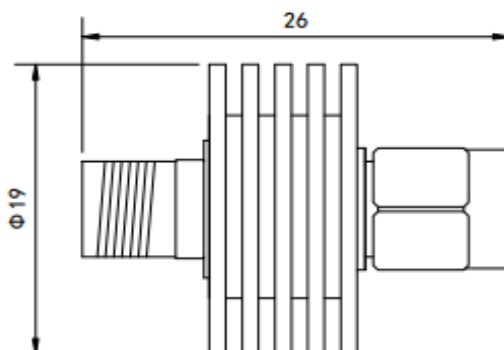
XX : Attenuation value (1~60 dB)

Ex) 1 dB : AT06-05-01, 30 dB : AT06-05-30

■ Drawing

Unit : mm

1~30 dB



31~60 dB

