

# AT6000 Series

## Coaxial Attenuator Series

- Series of coaxial attenuators; 3, 6, 10, 15, 20, 30 and 40 dB
- Suitable for wideband applications, 0 - 6000 MHz.
- Low VSWR, matching excellently to 50 Ohm systems
- Good attenuation flatness across frequency, providing stable performance across the entire frequency band
- Excellent thermal stability with integrated heat dissipation fins
- Rugged construction



## ELECTRICAL SPECIFICATIONS

Type	Coaxial Attenuators
Frequency	0 - 6000 MHz
Impedance	50 Ohm
VSWR	≤ 1.2:1
Attenuation	AT6000-03: 3 dB AT6000-06: 6 dB AT6000-10: 10 dB AT6000-15: 15 dB AT6000-20: 20 dB AT6000-30: 30 dB AT6000-40: 40 dB
Attenuation Flatness	AT6000-03: ±0.4 dB AT6000-06: ±0.5 dB AT6000-10: ±0.7 dB AT6000-15: ±0.8 dB AT6000-20: ±0.8 dB AT6000-30: ±1.0 dB AT6000-40: ±1.0 dB
Max. Input Power	50 CW

## Datasheet

2 / 3

## MECHANICAL SPECIFICATIONS

Color	Black
Weight	180 g
Mounting	Coaxial (See outline drawing for M3 threaded holes for panel mounting)
Connector	Type N-female and N-male
Dimension	Ø38 x 107 mm
Operating Temperature	-55 to +75 °C
Materials	Aluminum, Brass, and Teflon
Serial No.	On product

## ORDERING INFORMATION

AT6000-03	Attenuator 3 dB - Box
AT6000-06	Attenuator 6 dB - Box
AT6000-10	Attenuator 10 dB - Box
AT6000-15	Attenuator 15 dB - Box
AT6000-20	Attenuator 20 dB - Box
AT6000-30	Attenuator 30 dB - Box
AT6000-40	Attenuator 40 dB - Box

## PACKAGING INFORMATION

Type	Carton Box
Size	140 x 60 x 50 mm

