

Powertec Attenuator 6 dB, N Female to Male

SKU: ANT-BH-00051

Description

The Powertec 6 dB Attenuator (SKU: ANT-BH-00051) is a high-performance RF passive component designed for reliable signal attenuation. With an attenuation level of 6 dB, it operates effectively across a wide frequency range from 0 MHz to 3000 MHz. The device features an N Male input and an N Female output, ensuring compatibility with standard RF connections.

Measuring 58 x 18 mm, this attenuator is compact and durable, rated IP60 for solid particle protection. It functions efficiently in extreme temperatures, from -35 °C to 65 °C, making it suitable for various environments. The attenuator boasts an input impedance of 50 Ω, ensuring optimal signal integrity and minimal reflection.

Manufactured by Powertec, a leading Australian wireless technology company with a strong presence in cellular network enhancement and wireless network development, this attenuator benefits from their extensive expertise. Since 1995, Powertec has been providing...

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Powertec

Powertec is a wireless technology manufacturer and systems integrator based in Australia. Operating since 1995, Powertec has grown to become the leading wireless technology distributor in its region, and a leading Infratech systems developer. Supporting over 1500 partners the company provides procurement, design, project management, and support services across Australia, New Zealand, Pacific ...

RF Specification

| | | | |
|----------------------|----------|-------------------|-----|
| Min. Frequency: | 0 MHz | Input Impedance: | 50 |
| Max. Frequency: | 3000 MHz | Max. Input Power: | 5 W |
| Attenuation (Fixed): | 6 dB | | |

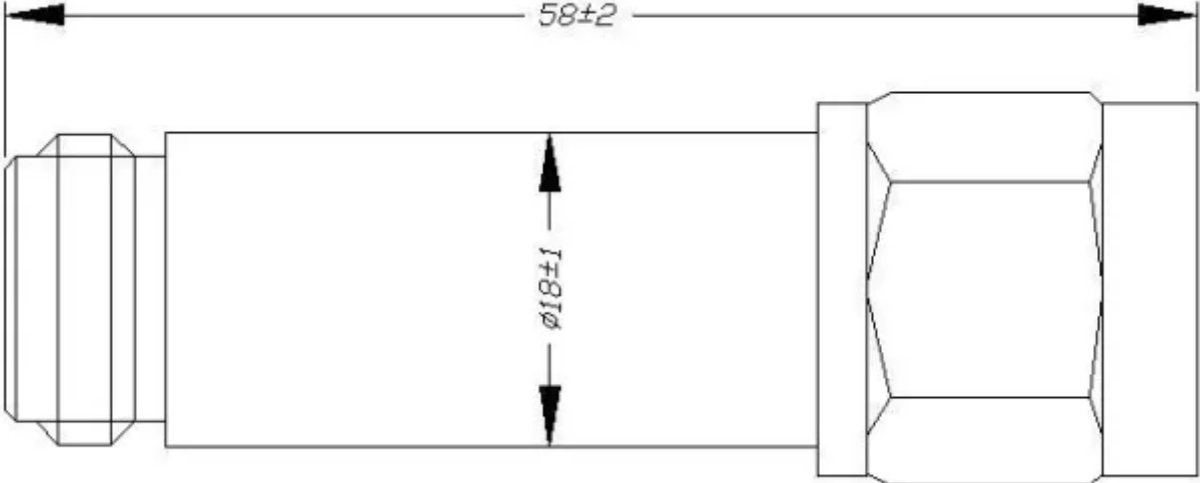
Port Matrix

| Port Function | RF Interface |
|---------------|--------------|
| Input | N Male |
| Output | N Female |

Physical Specification

| | | | |
|---------------------|------------|-----------------------------|--------|
| Input Ports: | 1 | Min. Operating Temperature: | -35 °C |
| Output Ports: | 1 | Max. Operating Temperature: | 65 °C |
| Subtype: | Attenuator | | |
| Ingress Protection: | IP60 | | |
| Dimensions: | 58 x 18 | | |
| Weight: | 0.06 kg | | |

Drawing



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