

# Powertec Attenuator 15 dB, DC to 3000 MHz, N Female to Male

SKU: ACC-BH-00054

MPN: PCM-AT15-DC30.N2

Barcode: 9337692000164

## Description

The Powertec Attenuator 15 dB (SKU: ACC-BH-00054) is a high-performance RF passive component designed for a wide frequency range from DC to 3000 MHz. This unit provides a consistent 15 dB attenuation and features N Male to N Female connectors, ensuring compatibility with various RF systems. Measuring 58 x 18 mm, it boasts a robust IP60 rating, offering protection against dust ingress, making it suitable for demanding environments. The attenuator operates efficiently within temperatures ranging from -35 °C to 65 °C, accommodating diverse operational conditions.

With an input impedance of 50  $\Omega$ , this attenuator ensures minimal signal reflection, maintaining signal integrity across its operating range. Manufactured by Powertec, a reputable Australian company with a strong presence in wireless technology since 1995, the attenuator benefits from extensive expertise in cellular network enhancement and wireless network development. Powertec...

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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): | 15 dB    |                   |     |

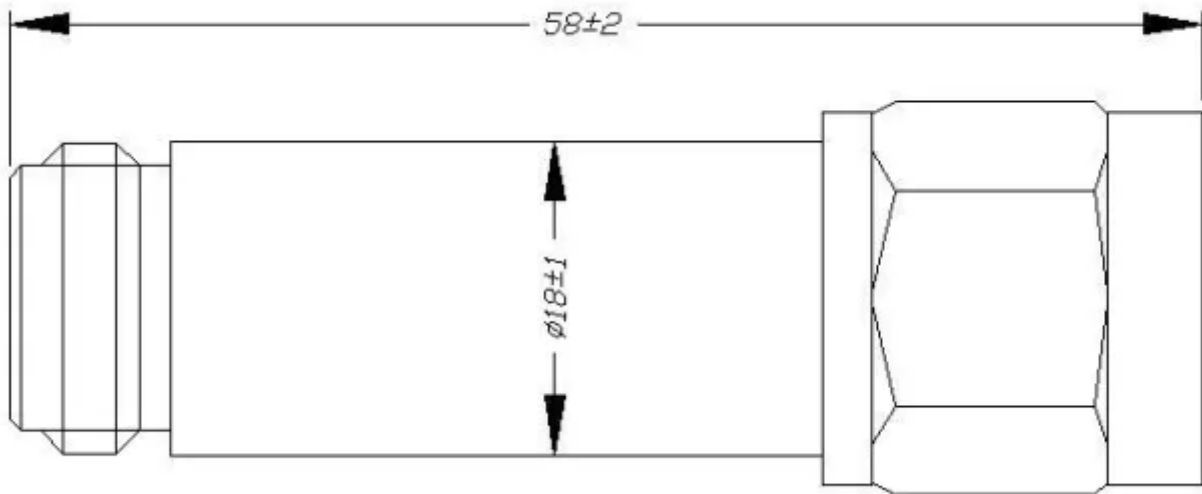
## Port Matrix

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

# Physical Specification

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

# Drawing



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