

# Powertec Attenuator 20 dB, N Female to Male

SKU: ANT-BH-00050

## Description

The Powertec Attenuator 20 dB, N Female to Male (SKU: ANT-BH-00050), is a high-quality RF passive component designed for precise signal attenuation. It provides a consistent attenuation value of 20 dB across a broad frequency range from 0 MHz to 3000 MHz. This compact unit measures 58x18 mm and features a robust design with an IP60 ingress protection rating, ensuring reliable performance in various environments.

The attenuator is equipped with an N Male input connector and an N Female output connector, making it versatile for integration into different RF systems. It maintains an input impedance of 50 Ω, suitable for stable signal transmission. This device operates efficiently across a temperature range of -35 °C to 65 °C, catering to diverse operational conditions.

Manufactured by Powertec, a prominent Australian company with extensive expertise in wireless technology and systems integration, this attenuator is part of a comprehensive...

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## RF Specification

|                      |                   |                   |          |
|----------------------|-------------------|-------------------|----------|
| Min. Frequency:      | 0 MHz             | Input Impedance:  | 50       |
| Max. Frequency:      | 3000 MHz          | Max. Input Power: | 5 W      |
| Attenuation (Fixed): | 20 dB<br>Powertec |                   |          |
| Port 1               | 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 |
|---------------|---|-----------------------------|-------|

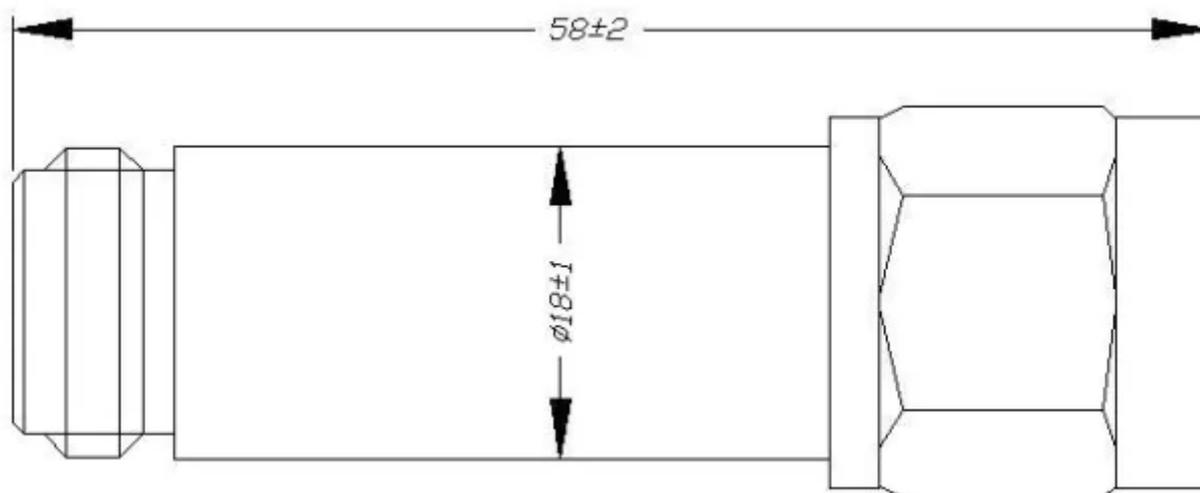
|          |            |
|----------|------------|
| Subtype: | Attenuator |
|----------|------------|

|                     |      |
|---------------------|------|
| Ingress Protection: | IP60 |
|---------------------|------|

|             |       |
|-------------|-------|
| Dimensions: | 58x18 |
|-------------|-------|

|         |         |
|---------|---------|
| Weight: | 0.06 kg |
|---------|---------|

## Drawing



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