

# Powertec RF Attenuator, 15 dB, 4.3-10 Female to Male

SKU: IBC-PT-00030

MPN: PCM-AT15-DC38.432

Barcode: 9337692001673

## Description

The Powertec RF Attenuator (SKU: IBC-PT-00030, Part Number: PCM-AT15-DC38.432) offers a reliable solution for RF signal management with a 15 dB attenuation across a wide frequency range from 0 MHz to 3000 MHz. Designed for robust applications, it features 4.3-10 female to male connectors and an IP60 ingress protection rating, ensuring strong performance in various environments. With dimensions of 60 x 19.5 mm, the attenuator is compact yet durable, making it suitable for diverse installations.

Operating efficiently within a temperature range of -35 °C to 65 °C, it meets demanding conditions while maintaining an input impedance of 50 Ω. This product is ideal for applications requiring precise signal attenuation in wireless communication systems. Manufactured by Powertec, a leading Australian company renowned for its expertise in cellular network enhancement and wireless network development, this attenuator reflects the company's...

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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 Label | Port Function | RF Interface |
|------------|---------------|--------------|
|------------|---------------|--------------|

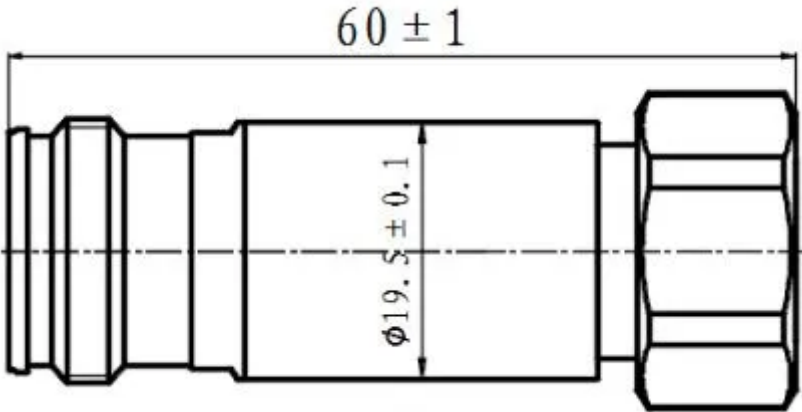
## Frequency Test Data

| Start Frequency | Stop Frequency | VSWR | Insertion Loss | Inter-Port Iso. | Return Loss |
|-----------------|----------------|------|----------------|-----------------|-------------|
|-----------------|----------------|------|----------------|-----------------|-------------|

# Physical Specification

|                     |            |                             |        |
|---------------------|------------|-----------------------------|--------|
| Subtype:            | Attenuator | Min. Operating Temperature: | -35 °C |
| Ingress Protection: | IP60       | Max. Operating Temperature: | 65 °C  |
| Dimensions:         | 60 x 19.5  |                             |        |
| Weight:             | 0.1 kg     |                             |        |

Drawing



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