

Powertec 5W Attenuator, 5dB, 698 to 3800 MHz, 4.3-10 Female to Male, -155 dBc

SKU: IBC-PT-00049

MPN: PCM-AT5-DC38.432

Barcode: 9337692001864

Description

The Powertec 5W Attenuator (SKU: IBC-PT-00049) is a high-quality RF passive component, designed for applications within the 698 to 3800 MHz frequency range. It offers a consistent attenuation value of 5 dB, ensuring reliable signal reduction. The attenuator features a 4.3-10 Male to Female connector configuration, making it versatile for various installations. It boasts a low VSWR of 1.2:1, ensuring minimal signal reflection and optimal performance.

Constructed with durability in mind, this component measures 60x19.5 mm and is rated IP60 for environmental protection. It operates efficiently in temperatures ranging from -35 °C to 65 °C, making it suitable for diverse environmental conditions. The input impedance is 50 Ω , aligning with standard RF systems.

Manufactured by Powertec in Australia, the attenuator is part of the PCM-AT5-DC38.432 series. Powertec, established in 1995, is a leader in wireless technology distribution and...

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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: | 698 MHz | Input Impedance: | 50 |
| Max. Frequency: | 3800 MHz | Max. Input Power: | 5 W |
| Attenuation (Fixed): | 5 dB | | |

Port Matrix

| Port Function | RF Interface |
|---------------|---------------|
| Input | 4.3-10 Male |
| Output | 4.3-10 Female |

Frequency Test Data

VSWR

< 1.2:1

Physical Specification

| | | | |
|---------------------|------------|-----------------------------|--------|
| Input Ports: | 1 | Min. Operating Temperature: | -35 °C |
| Output Ports: | 1 | Max. Operating Temperature: | 65 °C |
| Subtype: | Attenuator | | |
| Ingress Protection: | IP60 | | |
| Dimensions: | 60x19.5 | | |
| Weight: | 0.1 kg | | |

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