Powertec Wireless Technology
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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 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
Max. Frequency
3800 MHz
Attenuation (Fixed)
5 dB
Input Impedance
50 Ω
Max. Input Power
5 W
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
Output Ports
1
Subtype
Attenuator
Ingress Protection
IP60
Dimensions
60x19.5
Weight
0.1 kg
Min. Operating Temperature
-35 °C
Max. Operating Temperature
65 °C

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