

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...

[Read More](#)



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		

Disclaimer: Although care has been taken to ensure the accuracy, completeness and reliability of the information provided, Powertec assumes no responsibility therefore. The user of the information agrees that the information is subject to change without notice. Powertec assumes no responsibility for the consequences of use of such information, nor for any infringement of third party intellectual property rights which may result from its use. IN NO EVENT SHALL POWERTEC BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, OR INCIDENTAL DAMAGE RESULTING FROM, ARISING OUT OF OR IN CONNECTION WITH THE USE OF THE INFORMATION.

