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PTL-400 Coaxial Cable 4.3-10 Male to SMA Male 10m

SKU
IBC-PT-00012
MPN
CA-P400-431SA1.10

Description

The PTL-400 Coaxial Cable (SKU: IBC-PT-00012) from Powertec is a high-performance RF cable featuring 4.3-10 Male to SMA Male connectors. With a length of 10 metres, this PTL-400 series cable is designed for wireless communication systems, supporting frequencies up to 6 GHz. The cable features an L-400 class low loss design with a 10.29 mm outer diameter, ensuring minimal signal degradation.

Constructed with a double outer conductor of aluminium tape and tinned copper braiding, the PTL-400 provides exceptional RF shielding exceeding 90 dB. Its durable PE jacket ensures a service life of over 20 years and withstands more than 500 mating cycles, making it ideal for long-term use. The cable is flexible, facilitating easy installation in various settings.

This product meets ISO 9001 Quality Management and RoHS compliance standards, guaranteeing high-quality and environmentally friendly manufacturing. One end features a 4.3-10 Male connector...

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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

Start Frequency
0 GHz
Stop Frequency
6 GHz

Physical Specification

Subtype
Feeder Cable
Mating Cycles
> 500
Compliance/Certifications
ISO 9001 Quality Management
,
RoHS
Length
10 m
Weight
1050 g

RF Connectors

RF Interface	Body Shape	Mounting
4.3-10 Male	Straight	Free Hanging
SMA Male	Straight	Free Hanging

PTL-400

Min. Frequency
0 GHz
Impedance
50 Ω
Min. Bend Radius Static
25.4 mm
Min. Bend Radius Dynamic
101.6 mm
Max. Frequency
6 GHz
Shielding Effectiveness
> 90 dB
Colour
Black
Weight (g/m)
100 g
Cable Layers

Layer	Diameter	Materials
Inner Conductor	2.74 mm	Copper Clad Aluminium (CCA)
Dielectric	7.24 mm	Foamed Polyethylene (EPE)
Outer Conductor	7.39 mm	Aluminium Foil (Bonded)
Outer Conductor	8.13 mm	Tinned Copper Braid (TC), Tinned Copper Clad AlMg
Outer Jacket	10.29 mm	Polyethylene (PE)

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