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PTL-400 Coaxial Cable 4.3-10 Male to SMA Male 5m

SKU
IBC-PT-00011
MPN
CA-P400-431SA1.5
Barcode
9337692002250

Description

The PTL-400 Coaxial Cable, 4.3-10 Male to SMA Male, 5m (SKU: IBC-PT-00011), exemplifies Powertec's commitment to quality in RF cable solutions. Designed for wireless communication systems, this L-400 class low-loss cable has a 10.29 mm outer diameter and supports frequencies up to 6 GHz, making it ideal for entry to intermediate-level applications.

Constructed as a flexible cable, the PTL-400 features a double outer conductor of aluminium tape and tinned copper braiding, ensuring RF shielding exceeds 90 dB. The durable PE jacket guarantees a service life of over 20 years. The cable length is 5 metres, weighing 550 grams, and it is rated for more than 500 mating cycles.

The cable assembly meets ISO 9001 Quality Management and RoHS standards, underlining its compliance and reliability. It features a 4.3-10 Male connector and an SMA Male connector, both with a Straight body shape and Free Hanging mounting style, ensuring versatile...

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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
5 m
Weight
550 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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