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PTL-400 Coaxial Cable 4.3-10 Male to 4.3-10 Male 30m

SKU
IBC-PT-00008
MPN
CA-P400-431431.30
Barcode
9337692002229

Description

The PTL-400 Coaxial Cable from Powertec, model CA-P400-431431.30, is a high-performance RF cable designed for wireless communication systems. With a 10.29 mm outer diameter, this L-400 class low loss cable supports frequencies up to 6 GHz, making it ideal for entry to intermediate-level applications. Its robust construction features a flexible double shielded outer conductor, incorporating both aluminium tape and tinned copper braiding, providing exceptional RF shielding of over 90 dB. The cable is encased in a durable PE jacket, ensuring a service life exceeding 20 years.

Measuring 30 metres and weighing 3050 grams, the PTL-400 is built to endure over 500 mating cycles, guaranteeing reliability in demanding environments. It is equipped with 4.3-10 Male connectors on both ends, each with a straight body and free-hanging mounting style, ensuring secure and stable connections.

In terms of compliance, the cable meets ISO 9001 Quality...

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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
30 m
Weight
3050 g

RF Connectors

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