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PTL-400 Coaxial Cable 4.3-10 Male to 4.3-10 Male 25m

SKU
IBC-PT-00007
MPN
CA-P400-431431.25
Barcode
9337692002212

Description

The PTL-400 Coaxial Cable, featuring 4.3-10 Male connectors, offers a reliable solution for wireless communication systems. This 25m cable, with product code IBC-PT-00007, is part of Powertec's PTL-400 Series, known for its L-400 class low loss performance. With a 10.29 mm outer diameter, it supports frequencies up to 6 GHz, making it ideal for entry- to intermediate-level applications.

Designed for flexibility, the PTL-400 boasts a double outer conductor made of aluminium tape and tinned copper braiding, providing over 90 dB RF shielding. Its durable PE jacket ensures a service life exceeding 20 years. Weighing 2550 grams, this cable endures more than 500 mating cycles, offering longevity and reliability.

The cable's 4.3-10 Male connectors feature a straight body and free-hanging mounting style, ensuring secure connections. The PTL-400 meets ISO 9001 Quality Management and RoHS certifications, reflecting its adherence to high standards.

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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
25 m
Weight
2550 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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