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PTL-400 Coaxial Cable 4.3-10 Male to 4.3-10 Male 40m

SKU
IBC-PT-00009
MPN
CA-P400-431431.40
Barcode
9337692002236

Description

The PTL-400 Coaxial Cable (SKU: IBC-PT-00009) by Powertec is a high-performance RF cable ideal for wireless communications systems. Designed for frequencies up to 6 GHz, this 40m cable features 4.3-10 Male connectors on both ends, with a straight, free-hanging mounting style. The PTL-400 series is renowned for its low loss, boasting a 10.29 mm diameter and a double-shielded outer conductor made from aluminium tape and tinned copper braiding, delivering exceptional RF shielding over 90 dB.

This flexible coaxial cable is encased in a durable PE jacket, ensuring a service life of over 20 years and withstands more than 500 mating cycles, making it highly reliable for long-term use. Weighing 4050 g, it meets ISO 9001 Quality Management and RoHS certifications, ensuring superior quality and compliance.

Powertec, an Australian-based brand, has been a leader in wireless technology since 1995, offering comprehensive solutions in cellular network...

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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
40 m
Weight
4050 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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