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

SKU
IBC-PT-00004
MPN
CA-P400-431431.10
Barcode
9337692002182

Description

The PTL-400 Coaxial Cable (SKU: IBC-PT-00004) is a high-performance RF cable featuring 4.3-10 Male connectors on both ends. Designed by Powertec, this cable supports frequencies up to 6 GHz, making it ideal for entry to intermediate-level wireless communication systems.

The PTL-400 is a low-loss, L-400 class cable with a 10.29 mm outer diameter and features a flexible design with a double outer conductor composed of aluminium tape and tinned copper braiding. This double shielding ensures exceptional RF shielding performance exceeding 90 dB, while the durable PE jacket offers a service life of over 20 years. The cable measures 10 metres in length and weighs 1050 grams, providing robust yet flexible connectivity solutions.

Engineered for high durability, the cable withstands over 500 mating cycles, ensuring long-term reliability. It meets ISO 9001 Quality Management standards and is RoHS compliant, reflecting Powertec's commitment to...

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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
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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