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

SKU
IBC-PT-00003
MPN
CA-P400-431431.5

Description

The PTL-400 Coaxial Cable by Powertec, part number CA-P400-431431.5, features dual 4.3-10 Male connectors over a 5m length. As part of the PTL-400 series, this cable is an L-400 class low loss coaxial cable with a 10.29 mm outer diameter, capable of supporting frequencies up to 6 GHz. Ideal for entry- to intermediate-level wireless communication systems, it is flexible, featuring a double outer conductor made of aluminium tape and tinned copper braiding, ensuring RF shielding exceeding 90 dB. The durable PE jacket extends its service life beyond 20 years, and it can handle over 500 mating cycles.

The cable operates effectively within a frequency range of 0 to 6 GHz and meets ISO 9001 Quality Management and RoHS certifications. Both ends are equipped with 4.3-10 Male connectors in a straight, free-hanging mounting style. Weighing 550 g, it offers reliable performance in various environments. Powertec, established in 1995, is a leading...

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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
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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