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PTL-400 Coaxial Cable 4.3-10 Male to SMA Male 20m

SKU
IBC-PT-00014
MPN
CA-P400-431SA1.20
Barcode
9337692002281

Description

The PTL-400 Coaxial Cable, part number CA-P400-431SA1.20, is a high-performance RF cable developed by Powertec. This 20-metre cable connects a 4.3-10 Male to an SMA Male, suitable for wireless communications systems. Designed for flexibility, the PTL-400 features a double-shielded outer conductor made of aluminium tape and tinned copper braiding, delivering exceptional RF shielding exceeding 90 dB. Its 10.29 mm diameter and durable PE jacket ensure a service life of over 20 years and withstand more than 500 mating cycles. The cable supports frequencies up to 6 GHz, making it ideal for entry to intermediate-level applications. It complies with ISO 9001 and RoHS standards, ensuring quality and environmental responsibility. Weighing 2050 grams, this coaxial cable offers reliable performance for demanding wireless setups. Powertec, an Australian-based company established in 1995, is renowned for its expertise in wireless technology and...

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Powertec

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
20 m
Weight
2050 g

RF Connectors

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