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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 highperformance 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 intermediatelevel 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 Australianbased company established in 1995, is renowned for its expertise in wireless technology and...

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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 <u>Feeder Cable</u> 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	<u>Straight</u>	Free Hanging
SMA Male	<u>Straight</u>	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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