

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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RF Specification

Start Frequency:	0 GHz	Stop Frequency:	6 GHz
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Physical Specification

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 ...

Subtype:	Feeder Cable	Length:	20 m
Mating Cycles:	> 500	Weight:	2050 g
Compliance/Certifications:	ISO 9001 Quality Management		
RoHS			

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	Max. Frequency:	6 GHz
Impedance:	50	Shielding Effectiveness:	> 90 dB
Min. Bend Radius Static:	25.4 mm	Colour:	Black
Min. Bend Radius Dynamic:	101.6 mm	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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