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

SKU: IBC-PT-00006
MPN: CA-P400-431431.20
Barcode: 9337692002205

Description

The PTL-400 Coaxial Cable, 4.3-10 Male to 4.3-10 Male, 20m (SKU: IBC-PT-00006), by Powertec, is a top-tier solution for wireless communications systems. This PTL-400 series cable is a low-loss coaxial cable with a 10.29 mm outer diameter, capable of supporting frequencies up to 6 GHz, making it ideal for entry to intermediate-level applications.

The cable features a flexible design with a double outer conductor, combining aluminium tape and tinned copper braiding. This construction provides exceptional RF shielding exceeding 90 dB, ensuring minimal signal loss and interference. Encased in a durable PE jacket, the cable promises a service life of over 20 years and withstands more than 500 mating cycles.

Weighing 2050 grams, this 20m cable assembly is compliant with ISO 9001 Quality Management and RoHS certifications, reflecting its high quality and environmental responsibility. It includes 4.3-10 Male connectors on both ends, featuring a...

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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	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
4.3-10 Male	Straight	Free Hanging

PTL-400

Min. Frequency:	0 GHz	Max. Frequency:	6 GHz
Impedance:	50 Ω	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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