

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

SKU: IBC-PT-00004

MPN: CA-P400-431431.10

Barcode: 9337692002182

Description

The PTL-400 Coaxial Cable (SKU: IBC-PT-00004) is a high-performance RF cable featuring 4.3-10 Male connectors on both ends. Designed by Powertec, this cable supports frequencies up to 6 GHz, making it ideal for entry to intermediate-level wireless communication systems.

The PTL-400 is a low-loss, L-400 class cable with a 10.29 mm outer diameter and features a flexible design with a double outer conductor composed of aluminium tape and tinned copper braiding. This double shielding ensures exceptional RF shielding performance exceeding 90 dB, while the durable PE jacket offers a service life of over 20 years. The cable measures 10 metres in length and weighs 1050 grams, providing robust yet flexible connectivity solutions.

Engineered for high durability, the cable withstands over 500 mating cycles, ensuring long-term reliability. It meets ISO 9001 Quality Management standards and is RoHS compliant, reflecting Powertec's commitment to...

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RF Specification

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

Subtype:	Feeder Cable	Length:	10 m
Mating Cycles:	> 500	Weight:	1050 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	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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