

# PTL-400 Coaxial Cable N Male to SMA Male 10m

SKU: ACC-PT-00339

MPN: CA-P400-N1SA1.10

Barcode: 9337692002120

## Description

The PTL-400 Coaxial Cable N Male to SMA Male 10m (SKU: ACC-PT-00339) is a high-performance RF cable from Powertec, designed for reliable wireless communication applications. This flexible, low-loss L-400 class cable features a 10.29 mm outer diameter and supports frequencies up to 6 GHz, making it ideal for entry to intermediate-level systems.

Constructed with a double outer conductor of aluminium tape and tinned copper braiding, the PTL-400 offers exceptional RF shielding exceeding 90 dB. Its durable PE jacket ensures a service life of over 20 years, capable of withstanding more than 500 mating cycles. The cable is 10 metres long, with a weight of 1050 grams, providing a robust and flexible solution for various installations.

Connectivity is facilitated through N Male and SMA Male connectors, both featuring a straight body and free-hanging mounting style. Compliance with ISO 9001 Quality Management and RoHS standards underscores its...

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# RF Specification

|                  |       |                 |       |
|------------------|-------|-----------------|-------|
| Start Frequency: | 0 GHz | Stop Frequency: | 6 GHz |
|------------------|-------|-----------------|-------|

# 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     |
|--------------|------------|--------------|
| N 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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