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# PTL-100 Patch Cable CRC9 to SMA Female 18cm

SKU ACC-PT-00325 MPN CA-100-C91SA2.018 Barcode 9337692002502

### **Description**

CRC9 to SMA Female patch cables are designed to connect a feeder or jumper cable to a user device such as a mobile broadband modem.

The cable's CRC9 connector matches the external antenna connection on many 4G modems. Brands such as Huawei and ZTE use the CRC9 connection to allow the attachment of larger 4G antennas. 4G modems generally use two CRC9 connectors to attach 2x2 MIMO external antennas.

This patch lead is 18 cm (180 mm) in length, and uses a high quality L-100 coaxial cable.





**Powertec** 

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

Patch Cable

Mating Cycles

> 50

Compliance/Certifications

ISO 9001 Quality Management

RoHS Length

0.18 m

#### **RF Connectors**

### RF Interface Body Shape Mounting

CRC9 Male Straight Free Hanging

SMA Female Straight Bulkhead

## L-100

Min. Frequency

0 GHz

Impedance

50 Ω

Min. Bend Radius Static

6.4 mm

Min. Bend Radius Dynamic

25.4 mm

Attenuation @ 1 GHz

0.78 dB/m

Max. Frequency

63 GHz

**Shielding Effectiveness** 

> 90 dB

Colour

Black

Cable Layers

Layer	Diameter	Materials
Inner Conductor	0.46 mm	Solid Copper
Dielectric	1.52 mm	Polyethylene (PE)
Outer Conductor	1.65 mm	Aluminium Foil
Outer Conductor	2.11 mm	Tinned Copper Braid (TC)
Outer Jacket	2.79 mm	Polyethylene (PE)

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