

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.



RF Specification

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

Physical Specification

| | | | |
|----------------------------|---|---------|--------|
| Subtype: | Patch Cable Powertec | Length: | 0.18 m |
| Material: |  <p>> 50 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 system partner. With over 500 partners the company provides procurement, design, project management, and support services across Australia, New Zealand, Pacific ...</p> | | |
| Compliance/Certifications: |  <p>ISO 9001 Quality Management</p> | | |
| RoHS | | | |

RF Connectors

RF Interface

CRC9 Male

SMA Female

Body Shape

Straight

Straight

Mounting

Free Hanging

Bulkhead

L-100

| | | | |
|-----------------|-------|-----------------|--------|
| Min. Frequency: | 0 GHz | Max. Frequency: | 63 GHz |
|-----------------|-------|-----------------|--------|

| | | | |
|------------|----|--------------------------|---------|
| Impedance: | 50 | Shielding Effectiveness: | > 90 dB |
|------------|----|--------------------------|---------|

| | | | |
|--------------------------|--------|---------|-------|
| Min. Bend Radius Static: | 6.4 mm | Colour: | Black |
|--------------------------|--------|---------|-------|

| | |
|---------------------------|---------|
| Min. Bend Radius Dynamic: | 25.4 mm |
|---------------------------|---------|

| | |
|----------------------|-----------|
| Attenuation @ 1 GHz: | 0.78 dB/m |
|----------------------|-----------|

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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