

PTL-100 Patch Cable CRC9 to SMA Female 18cm

SKU: ACC-PT-00325

MPN: CA-100-C91SA2.018

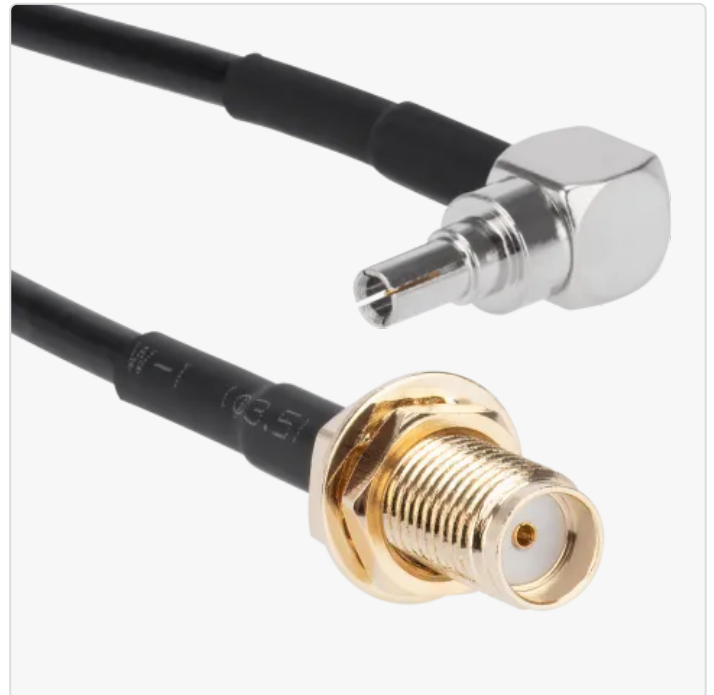
Barcode: 9337692002502

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 | Length: | 0.18 m |
| Mating Cycles: | > 50 | | |
| Compliance/Certifications: | ISO 9001 Quality Management | | |
| RoHS | | | |

RF Connectors

| RF Interface | Body Shape | Mounting |
|--------------|------------|--------------|
| CRC9 Male | Straight | Free Hanging |
| SMA Female | Straight | 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) |

Disclaimer: Although care has been taken to ensure the accuracy, completeness and reliability of the information provided, Powertec assumes no responsibility therefore. The user of the information agrees that the information is subject to change without notice. Powertec assumes no responsibility for the consequences of use of such information, nor for any infringement of third party intellectual property rights which may result from its use. IN NO EVENT SHALL POWERTEC BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, OR INCIDENTAL DAMAGE RESULTING FROM, ARISING OUT OF OR IN CONNECTION WITH THE USE OF THE INFORMATION.

