

PTL-240 Coaxial Cable SMA Male to SMA Male 50cm

SKU: ACC-PT-00362

MPN: CA-P240-431SA1.50

Barcode: 9337692002687

Description

This short 50 cm jumper cable is used to interconnect two passive components that have SMA Female interfaces, such as a repeater to a surge protector or power divider.

Powertec's PTL-240 coaxial cable is a low loss RF cable with a medium-sized 6.10 mm outer diameter. This series is without a doubt the most popular choice of RF cable, due to its efficient compromise between performance and cost.

PTL-240 cable provides the flexibility and easy installation of a smaller diameter cable, with the low attenuation and shielding advantages of a larger cable. The cable is a mid-size providing a compromise between form-factor/bend radius, and attenuation/power handling. Its double shielded outer conductor provides exceptional RF shielding exceeding 90 dB, and PE jacket for a service life in excess of 20 years.

[Read More](#)



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 | Length: | 0.5 m |
| Mating Cycles: | > 500 | Weight: | 75 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-240

| | | | |
|---------------------------|---------|--------------------------|---------|
| Min. Frequency: | 0 GHz | Max. Frequency: | 6 GHz |
| Impedance: | 50 | Shielding Effectiveness: | > 90 dB |
| Min. Bend Radius Static: | 19.1 mm | Colour: | Black |
| Min. Bend Radius Dynamic: | 63.5 mm | Weight (g/m): | 50 g |

Cable Layers

| Layer | Diameter | Materials |
|-----------------|----------|---------------------------|
| Inner Conductor | 1.42 mm | Solid Copper |
| Dielectric | 3.81 mm | Foamed Polyethylene (EPE) |
| Outer Conductor | 3.94 mm | Aluminium Foil |
| Outer Conductor | 4.52 mm | Tinned Copper Braid (TC) |
| Outer Jacket | 6.10 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.

