

# L-100 Patch Cable, SMA Female to SMA Male 18cm

SKU: ACC-PT-00327

MPN: CA-100-SA2SA1.018

Barcode: 9337692003011

## Description

SMA Female to SMA Male patch cables are very short coaxial cables designed to sit between a larger feeder cable and the end device, providing flexibility and strain relief to prevent damage to the equipment.

The SMA Female is a rear-mount bulkhead connector which allows integration of the patch cable into an enclosure or mounting frame. This patch lead is 18 cm (180 mm) in length, and uses a high quality L-100 coaxial cable to permit operation on 5G FR1 and 5 GHz wireless through to 6 GHz.

Each cable is swept prior to leaving the manufacturing facility to ensure S-parameters meet minimum performance requirements.

[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:	0.18 m
Mating Cycles:	> 500	Weight:	53 g
Compliance/Certifications:	ISO 9001 Quality Management		
RoHS			

# RF Connectors

RF Interface	Body Shape	Mounting
SMA Female	Straight	Free Hanging
SMA Male	Straight	Free Hanging

# 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.

