

# 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.

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## RF Specification

Start Frequency:

0 GHz

Stop Frequency:

6 GHz

## Physical Specification

Powertec



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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)

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