Powertec Wireless Technology
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0.81 mm Cable Assembly, MHF4 to SMA Female Bulkhead, 12cm

SKU
ACC-PT-00329
MPN
CA081-MH4SA2BRM.012
Barcode
9337692003608

Description

0.81 mm Mini-Coax cable assemblies are used inside electronics to interface a surface mount MHF4 RF connector located on a wireless chipset to an externally mounted connector typically mounted on the side of the user device.

This cable assembly is used to provide an external SMA Female connector from a device with a MHF4 connector mounted on its PCB. Typically this is to allow the connection of an external antenna or attachment of an antenna feeder cable that uses an SMA Male connector.

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These cable assemblies are stocked locally and supplied individually packaged for use in electronics prototyping, as replacements, or critical spares. MHF4 connectors are generally found on M.2 chipsets.

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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
VSWR Measurement

Frequency	VSWR
3000 MHz	≤ 1.3:1
6000 MHz	≤ 1.5:1

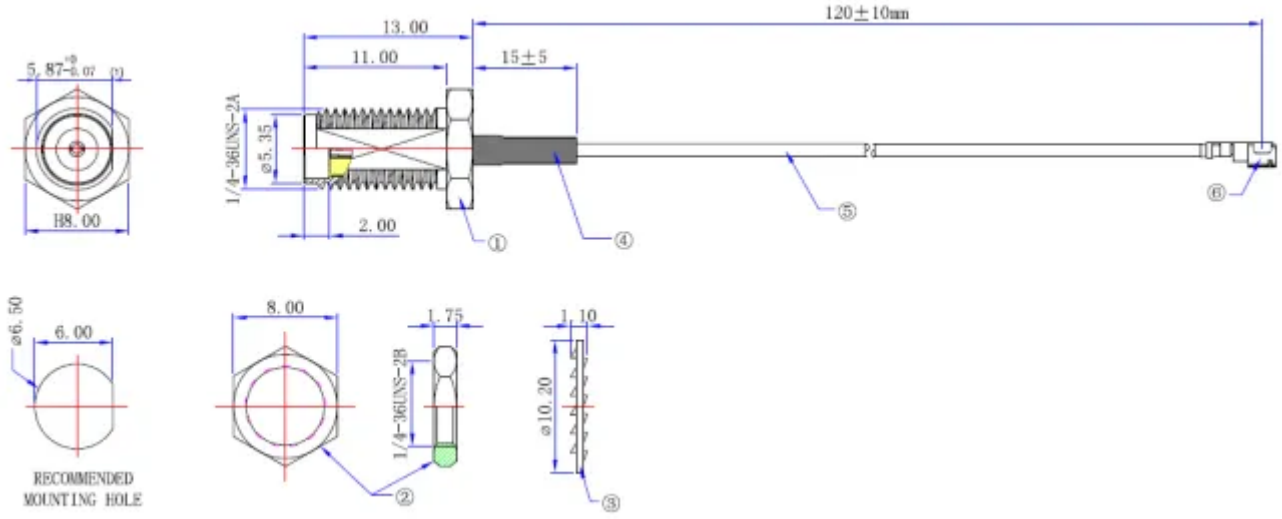
Physical Specification

Subtype
Patch Cable
Mating Cycles
> 50
Compliance/Certifications
ISO 9001 Quality Management
,

RoHS
Length
0.12 m
RF Connectors

RF Interface	Body Shape	Mounting
MHF4 Female	Right Angle	Free Hanging
SMA Female	Straight	Bulkhead

Drawing



0.81 mm Mini-Coax

Min. Frequency
0 GHz
Impedance
50 Ω
Min. Bend Radius Static
3 mm
Attenuation @ 1 GHz
2.65 dB/m
Max. Frequency
6 GHz
Colour
Black
Cable Layers

Layer	Diameter	Materials	Notes
Inner Conductor	0.15 mm	Silver Plated Copper (SC)	7x0.05 mm Strand
Dielectric	0.40 mm	Fluorinated Ethylene Propylene (FEP)	

Layer	Diameter	Materials	Notes
Outer Conductor	0.65 mm	Silver Plated Copper Braid	
Outer Jacket	0.81 mm	Fluorinated Ethylene Propylene (FEP)	

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