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1.37 mm Cable Assembly, U.FL to SMA Female Bulkhead, 14cm

SKU
ACC-PT-00328
MPN
CA137-UFLSA2BRM.014
Barcode
9337692003592

Description

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

This cable assembly is used to provide an external SMA Female connector from a device with a U.FL 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.

The U.FL interface uses an IPEX MHF series connector, suitable for any Hirose U.FL, LTI IPX, Amphenol AMC, or Tyco UMCC interface.

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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
3 GHz
VSWR Measurement

Frequency	VSWR
3000 MHz	≤ 1.3:1

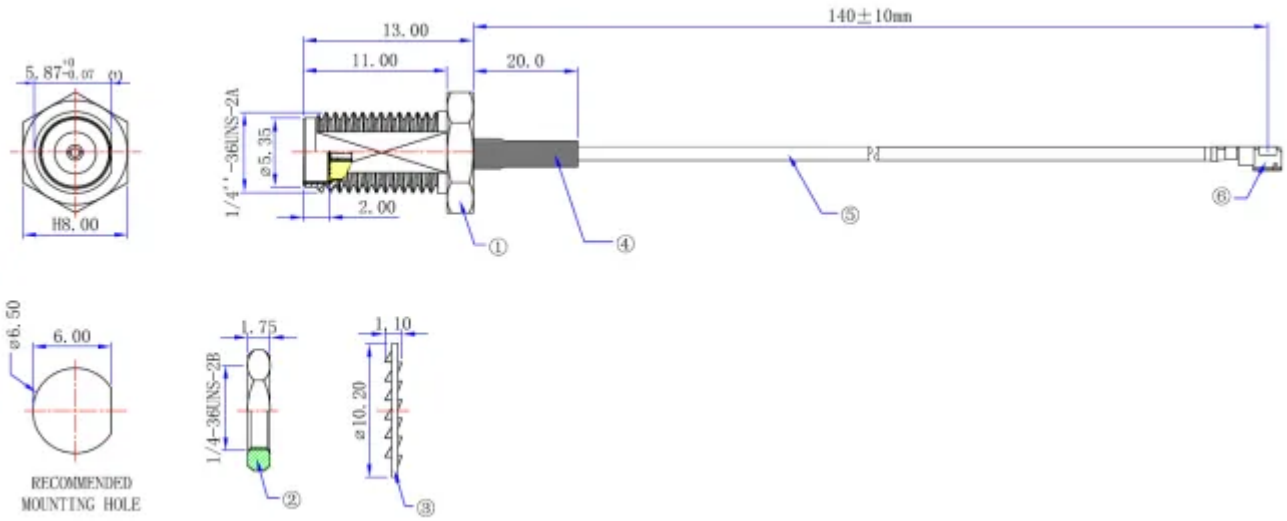
Physical Specification

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

Length
0.18 m
RF Connectors

RF Interface	Body Shape	Mounting
U.FL Female	Right Angle	Free Hanging
SMA Female	Straight	Bulkhead

Drawing



1.37 mm Mini-Coax

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

Layer	Diameter	Materials	Notes
Inner Conductor		Silver Plated Copper (SC)	7x0.102 mm Strand
Dielectric	0.88 mm	Fluorinated Ethylene Propylene (FEP)	

Layer	Diameter	Materials	Notes
Outer Conductor	1.10 mm	Silver Plated Copper Braid	
Outer Jacket	1.37 mm	Fluorinated Ethylene Propylene (FEP)	

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