Powertec Wireless Technology
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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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RF Specification

Start Frequency:	0 GHz	Stop Frequency:	3 GHz

VSWR Measurement

Frequency	VSWR
3000 MHz	≤ 1.3:1

powertec WIRELESS TECHNOLOGY

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 ...

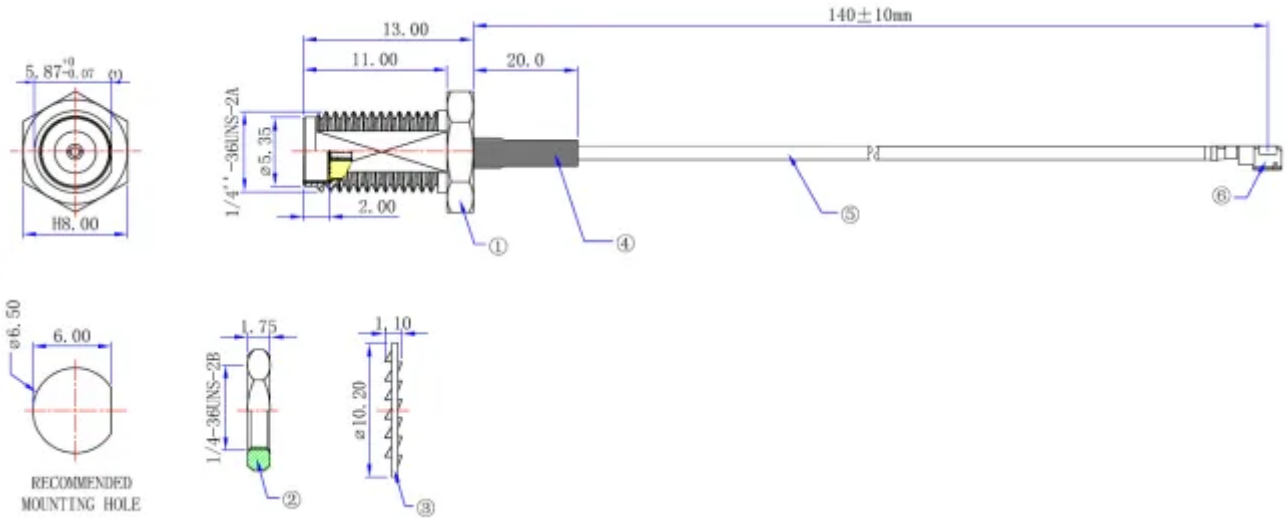
Physical Specification

Subtype:	Patch Cable	Length:	0.18 m
Mating Cycles:	> 50		
Compliance/Certifications:	ISO 9001 Quality Management , RoHS		

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

Cable Layers

Layer	Diameter	Materials	Notes
Inner Conductor		Silver Plated Copper (SC)	7x0.102 mm Strand
Dielectric	0.88 mm	Fluorinated Ethylene Propylene (FEP)	
Outer Conductor	1.10 mm	Silver Plated Copper Braid	
Outer Jacket	1.37 mm	Fluorinated Ethylene Propylene (FEP)	

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