

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

Physical Specification

Subtype: Patch Cable Length: 0.18 m

Mating Cycles: > 50

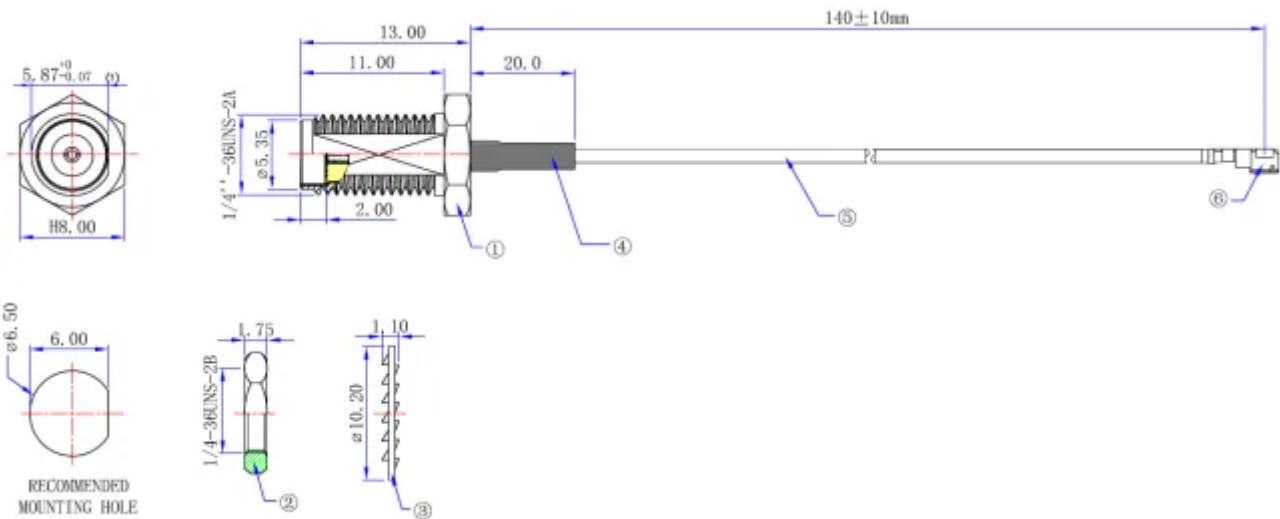
Compliance/Certifications: ISO 9001 Quality Management

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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