

Page



Powertec Wireless Technology
ABN: 42 082 948 463
PO Box 1034, Ashmore City
Queensland, Australia, 4214
sales@powertec.com.au
1300 769 378

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.

[Read More](#)





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 $\leq 1.3:1$

Physical Specification

Subtype

[Patch Cable](#)

Mating Cycles

> 50

Compliance/Certifications

[ISO 9001 Quality Management](#)

,

[RoHS](#)

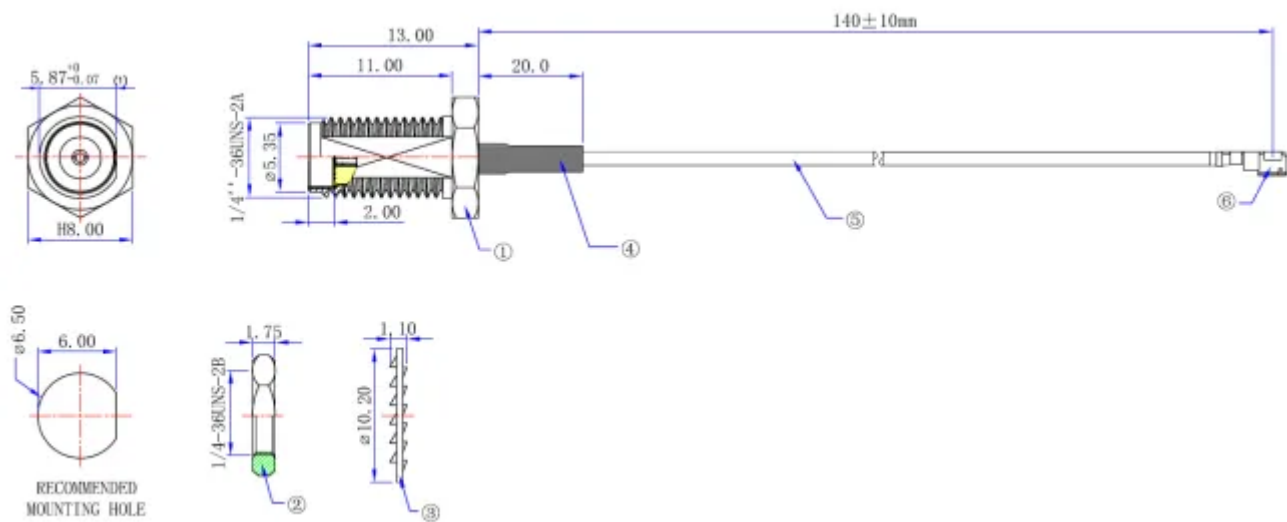
Length
0.18 m

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

Layer	Diameter	Materials	Notes
Dielectric	0.88 mm	<u>Fluorinated Ethylene Propylene (FEP)</u>	
Outer Conductor	1.10 mm	<u>Silver Plated Copper Braid</u>	
Outer Jacket	1.37 mm	<u>Fluorinated Ethylene Propylene (FEP)</u>	

Disclaimer: Although care has been taken to ensure the accuracy, completeness and reliability of the information provided, Powertec assumes no responsibility therefore. The user of the information agrees that the information is subject to change without notice. Powertec assumes no responsibility for the consequences of use of such information, nor for any infringement of third party intellectual property rights which may result from its use. IN NO EVENT SHALL POWERTEC BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, OR INCIDENTAL DAMAGE RESULTING FROM, ARISING OUT OF OR IN CONNECTION WITH THE USE OF THE INFORMATION.

