IP67 SMA Female Bulkhead to U.FL

multicompPRO

Features

- IP67 waterproof 50Ω front-lock bulkhead connector
- Low loss high quality 1.37mm microcoax cable
- Double screened 1.32mm microcoax cable option
- Original Hirose U.FL connector
- Soldered and crimped connectors
- Recommended Hirose U.FL antenna interface solution on Gemalto M2M (Cinterion) 3G modules
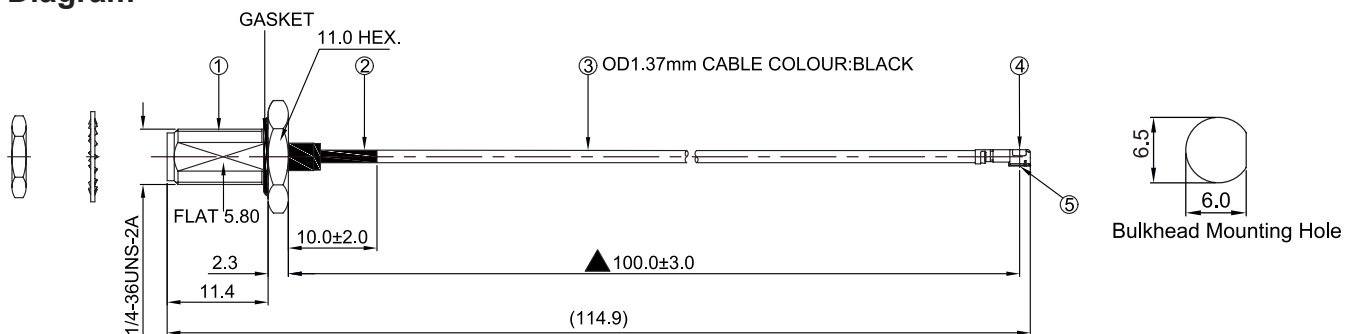
Mechanical Characteristics

Cable diameter (Max.)	: 1.37mm (options of 1.32mm double screened cable)
Cable bend radius (Min.)	: 16mm (for 1.37mm)
Temperature range	: -40°C to +90°C
Mating torque (Max.)	: 0.245 N-m
Cable lengths (standard)	: 100mm

Electrical characteristic

Impedance	: 50Ω
Frequency Range	: DC~3GHz
Working Voltage	: 60Vrms Max.
Dielectric Withstanding Voltage	: 200Vrms Min.
Insulation resistance	: 500MΩ (Min.)

Diagram

GASKET
11.0 HEX.
① ② ③ OD1.37mm CABLE COLOUR:BLACK ④
FLAT 5.80
1/4-36UNS-2A
10.0±2.0
2.3
11.4
⑤
6.5
6.0
Bulkhead Mounting Hole
▲ 100.0±3.0
(114.9)

Dimensions : Millimetres

Item	Description
1	SMA B/H Jack Crimp Type for OD 1.37mm Cable (Nut × 1, Washer × 1)
2	Heat Shrink Tube F32 OD 2.5mm L = 10mm Colour : Black
3	OD 1.37mm Cable Tin Plated Colour: Black
4	U.FL-LP-088 Shell for OD 1.37mm Cable
5	U.FL-LP-088 Contact for OD 1.37mm Cable

Frequency	VSWR	Insertion Loss
DC~3GHz	1.4 : 1Max.	-0.7dB Max.

Newark.com/multicomp-pro
Farnell.com/multicomp-pro
Element14.com/multicomp-pro

multicompPRO

27/01/21   V1.0

multicompPRO

Part Number Table

Description	Part Number
RF / Coaxial Cable Assembly, U.FL Right Angle Plug, SMA Bulkhead Jack, 100mm, Black	R-132G7210100CC

Newark.com/multicomp-pro
Farnell.com/multicomp-pro
Element14.com/multicomp-pro

multicompPRO

Page <2>   27/01/21   V1.0