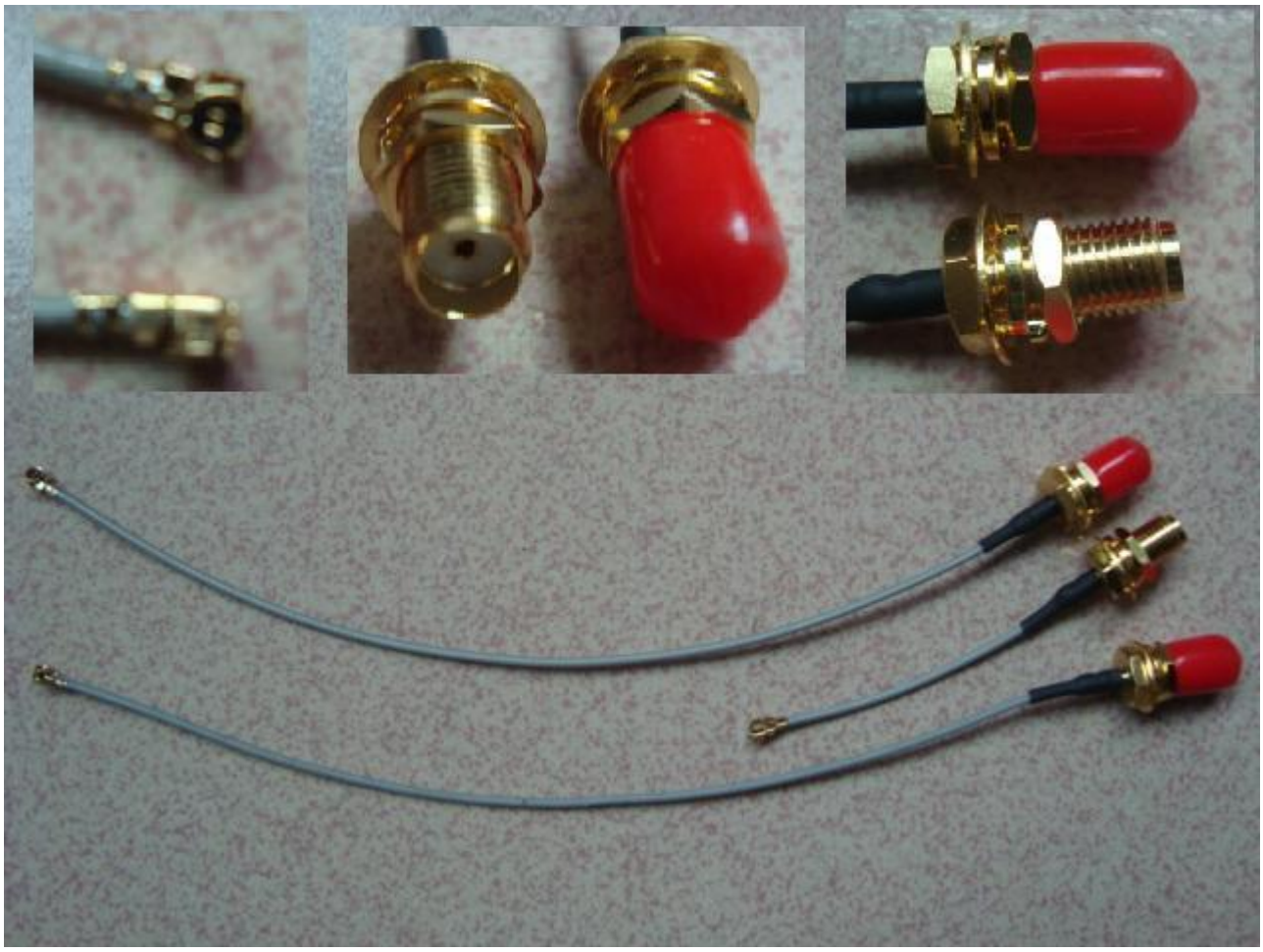
+39 0332 1888005
+39 0332 320856
info@first-components.com
Via 2 Giugno, 20 - 21022 Azzate (VA) Italy

Product Name SMA female to UFL IPEX cable
Model No. FC-RC-001
Note: SMA Female to UFL IPEX, 150mm length ,ROHS,CE.REACH

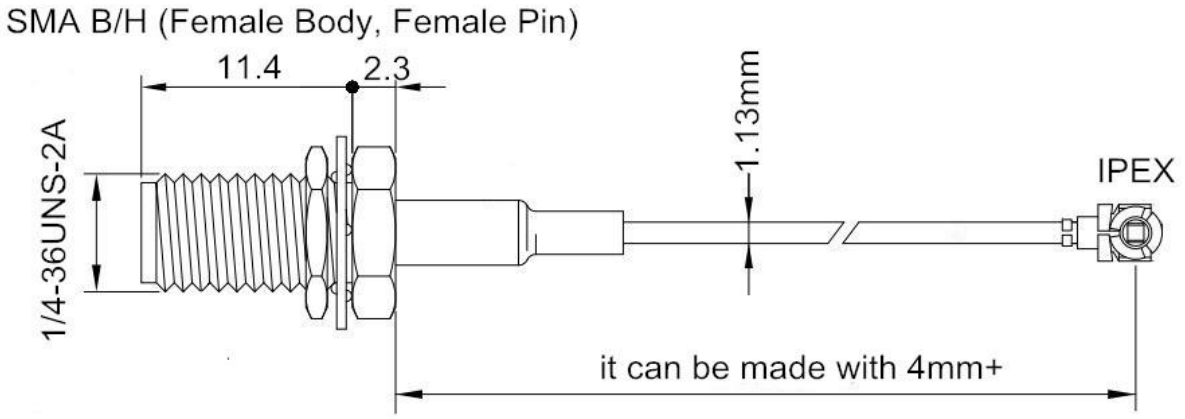
1.PRODUCT TECHNICAL SPECIFICATION

Electrical Specifications	
Frequency Range	DC~6GHZ
Insertion Loss	0.6DB
VSWR	≤1.8
Input Impedance	50Ω
Insulator	FEP
Max Input Power (w)	50
Mechanical Specifications	
Working Temperature	-40℃~ + 85℃
Connector Type	SMA BH (Female Body, Female Pin) to UFL
KV	50±2
Cable type	UI-1.13
Cable length	150mm(Customized)）
Jacket Dimensions	Ø1.13

2、PRODUCT PICTURE



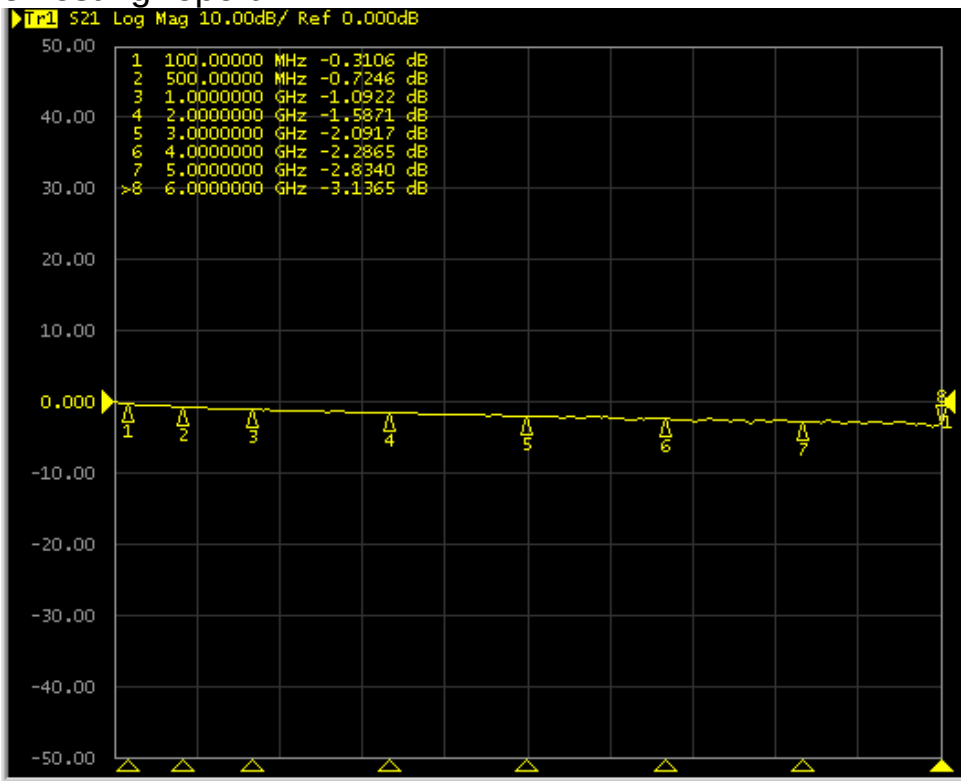
3.PRODUCT TECHNICAL SPECIFICATION

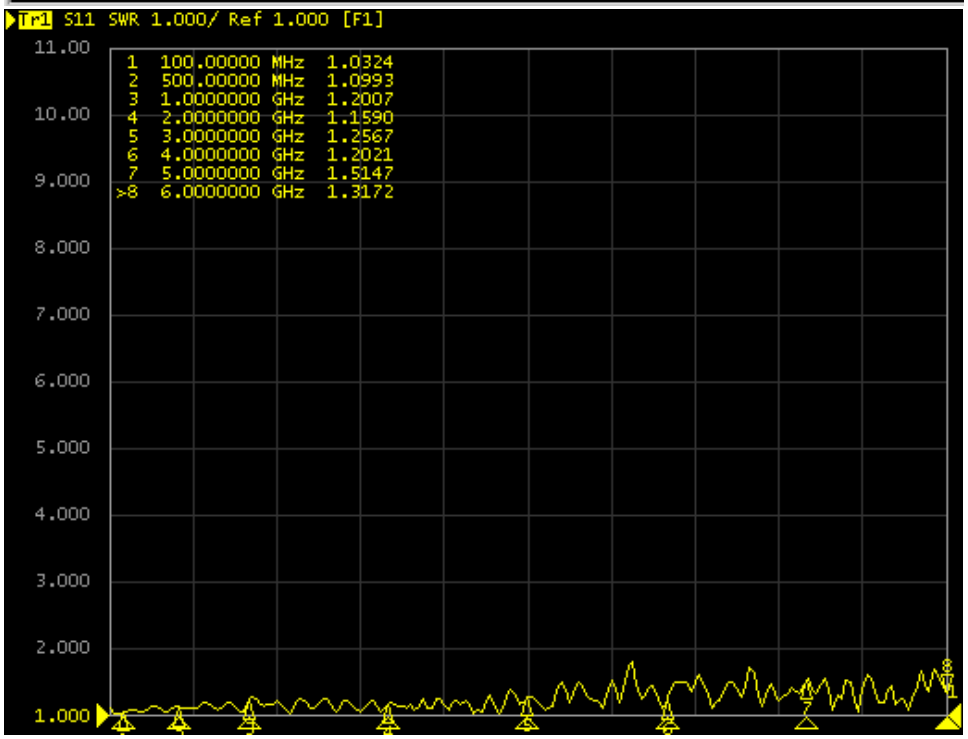


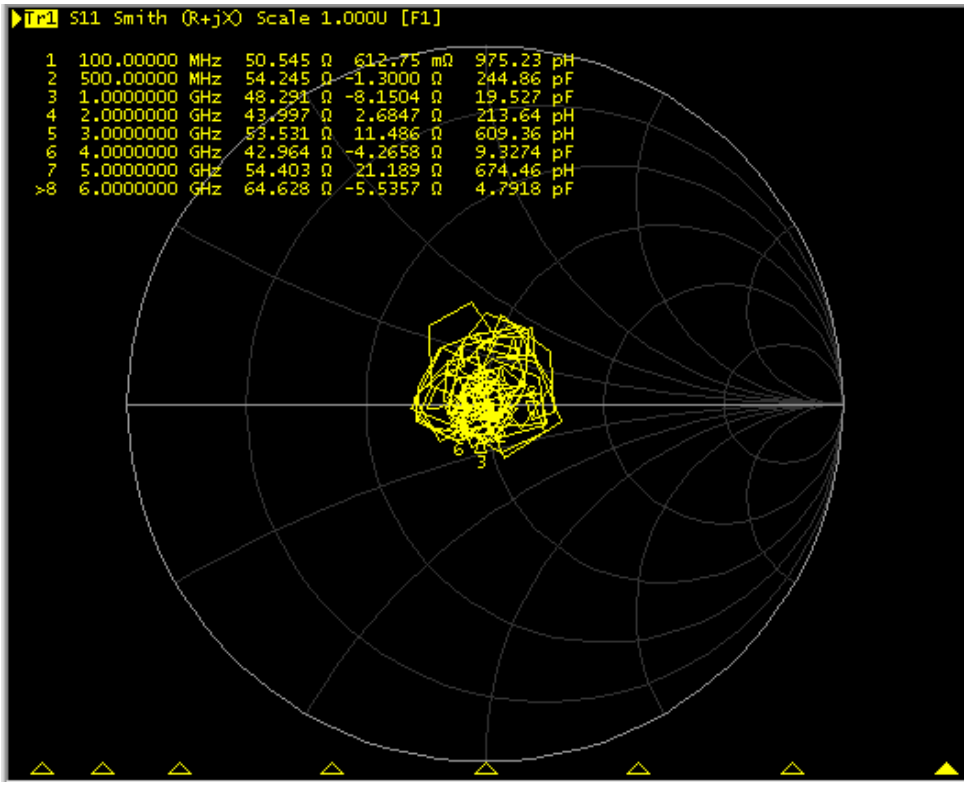
4.ELECTRIC APPLIANCE CHARACTERISTICS

ITEM		TEST CONDITION	SPECIFICATION
1	Return Loss	Using Agilent Network Analyzer 8753ET to Measure Antenna S11 Return Loss Characteristics.	
2	COLD TEST	-40+2℃ for 96hours, after keep in normal condition for 30mim the to test.	
3	HEAT TEST	85+2℃ for 96 hours, after keep in normal condition for 30mim the to test.	
4	HUMIDITY TEST	40+2℃ 90-95%RH for 96hours, after keep in normal condition for 30mim the to test.	

5.Testing report






Tr1 S11 Smith (R+jX) Scale 1.000U [F1]
1 100.00000 MHz 50.545 Ω 612.75 mΩ 975.23 pH
2 500.00000 MHz 54.245 Ω -1.3000 Ω 244.86 pF
3 1.0000000 GHz 48.291 Ω -8.1504 Ω 19.527 pF
4 2.0000000 GHz 43.997 Ω 2.6847 Ω 213.64 pH
5 3.0000000 GHz 53.531 Ω 11.486 Ω 609.36 pH
6 4.0000000 GHz 42.964 Ω -4.2658 Ω 9.3274 pF
7 5.0000000 GHz 54.403 Ω 21.189 Ω 674.46 pH
>8 6.0000000 GHz 64.628 Ω -5.5357 Ω 4.7918 pF