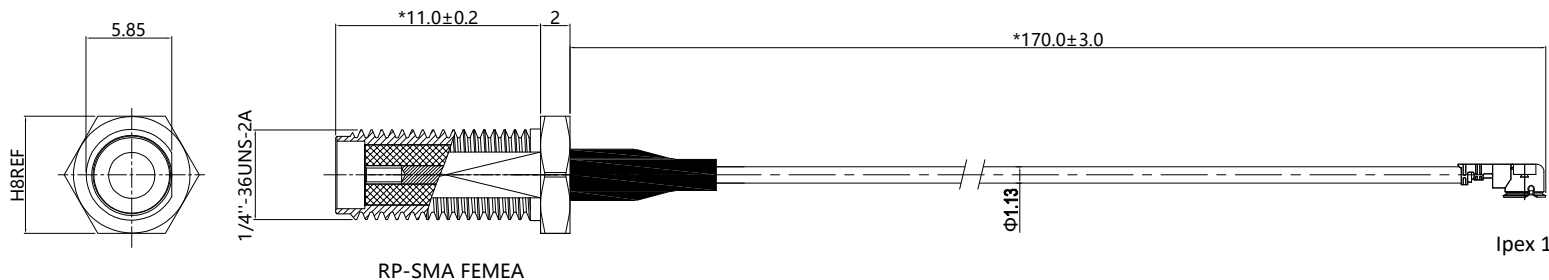


REV.	DESCRIPTION	APPD.	DATE
A	INITIAL RELEASED	Chen	2021/07/20



**TYPICAL SPECIFICATIONS**

**1.0.ELECTRICAL**

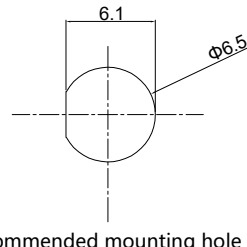
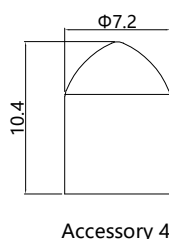
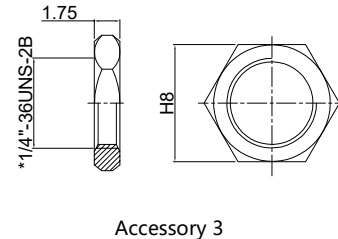
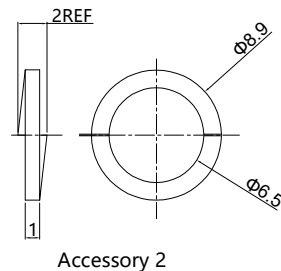
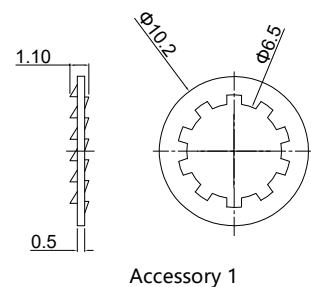
- 1.1.FREQUENCY RANGE: DC-6GHZ
- 1.2.NOMINAL IMPEDANCE: 50 Ohm
- 1.3.WORKING VOLTAGE:335V MAX.
- 1.4.PROOF VOLTAGE:750V
- 1.5.VSWR:1.4 MAX.

**2.0.MECHANICAL**

- 2.1.TORSIONAL:15IN-1BS MIN.
- 2.2.PLUGGABLE:500

**3.0.ENVIRONMENTAL**

- 3.1.OPERATING TEMPERATURE RANGE: -55°C TO +125°C
- 3.2.SALT SPRAY:48HOURS
- 3.3.RoHS COMPLIANT
- 3.4.REACH COMPLIANT



同轴电缆技术规格		
Construction Specification / 结构尺寸		
Item/项目	Material/材料及工艺	Diameter/直径(mm)
1.Inner conductor/内导体	Tinned copper/ 镀锡铜	φ0.24±0.01
2.Dielectric/绝缘介质	FEP	φ0.68±0.02
3.Outer Conductor/外导体	Silver-Plated Copper Wire Braiding/镀银铜丝编织	φ0.92±0.05
4.Jacket/护套	PVC/黑色	φ1.13±0.05
Electrical Properties (at 20°C) /电气特性(20°C)		
项目/Item	单位/Unit	详细资料/Details
导体电阻/Conductor Resistance	Ω/km	588.85 OHM
耐压强度(AC)/Dielectric Strength(AC)	V/1 Min	1000
特性阻抗/Impedance	ohm	50±2(at 1ns@TDR)

⑥	Nut	C3604 Gold plating 1u"	1
⑤	Elastic gasket	C3604 Gold plating 1u"	1
④	Shichi Huasi	C3604 Gold plating 1u"	1
③	IPEX 1	C5210 Gold plating 1u"	1
②	Spiral tooth body	C3604 Gold plating 1u"	1
①	PIN	C3604 Gold plating 2u"	1
Number	Component Name	Material	Dosage

**DIMENSIONS ARE IN MILLIMETERS**  
**UNLESS OTHERWISE SPECIFIED**  
**TOLERANCES**  
**ANGLES = ±3°**  
**UP TO 6 = ±0.1**  
**6-40 = ±0.2**  
**40-120 = ±0.6**  
**120-315 = ±1.0**  
**ABOVE 315 = ±1.6**

CUS P/N: ACA-SMA-K TO IPEX1 001
PART NO.: M00-0101680R0A
APPD:
CHKD:
DR:

**MyAntenna**  
**TITLE:** Adapter cable  
**DWG NO.:**

SCALE	SHEET	REV.
1:1	1/1	V01

<b>F</b> 衰减 Attenuation	频率 Frequency	标准值 Standard vaalue 单位 Unit:dB/m
	1GHz	≤2.32
	2GHz	≤3.27
	3GHz	≤4.01
	4GHz	≤4.64
	5GHz	≤5.17
6GHz	≤5.69	