

**1.0mm 50Ω DC~110GHz**  
**1.0mm High Performance 50ohm Connector**



Ver A/0 Release Date March, 2018 P/N:CC110

**Features**

- DC~110GHz Frequency Range
- Low VSWR

**Applications**

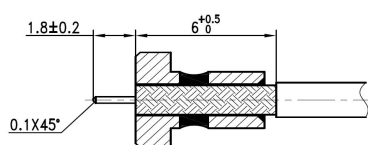
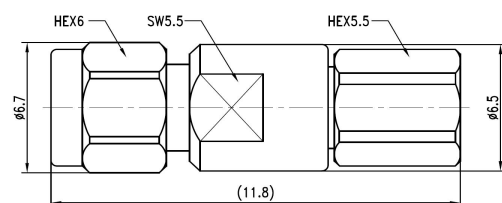
- General purpose test
- Precision measurements
- Coplanar Waveguide
- Signal Integrity Measurements

**Specifications**

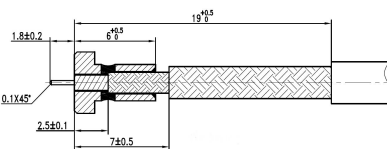
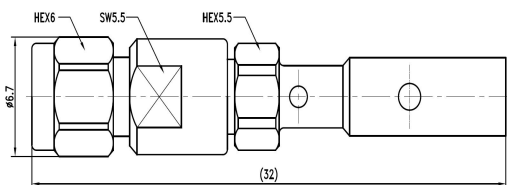
- Impedance: 50ohm
- Frequency: DC~110GHz
- Durability: 500 cycles
- Temp. Range: -55℃~+165℃

**Material/Finishing**

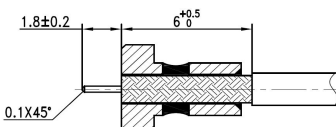
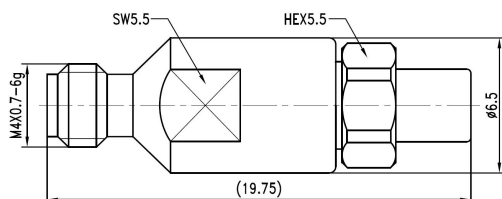
- Housing: Stainless Steel SU303
- Center contact: Beryllium Copper
- Insulators: PEI
- Polished/Passivated
- Gold plated (ASTM B488)



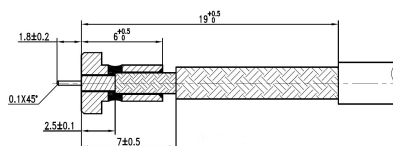
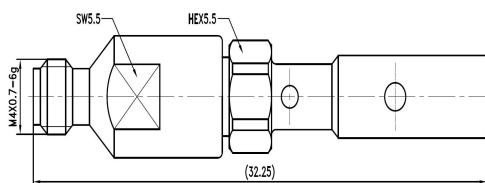
Description:	1.0mm male for SS047 cable
PN:	CC11001
VSWR:	DC-110GHz...1.50:1(max)



Description:	1.0mm male for SS047 cable
PN:	CC11001B
VSWR:	DC-110GHz...1.50:1(max)



Description:	1.0mm female for SS047 cable
PN:	CC11002
VSWR:	DC-110GHz...1.50:1(max)



Description:	1.0mm female for SS047 cable
PN:	CC11002
VSWR:	DC-110GHz...1.50:1(max)

**Remark**

- 1、All physical dimensions are in mm and the tolerance is  $\pm 1\%$
- 2、The network analyzer tests in the whole frequency band, 100% electrical performance test.
- 3、Special connectors and special attenuation can be customized according to customer requirements

Shenzhen RFcoms Technology Co.,LTD

Website: [www.rfcoms.com](http://www.rfcoms.com)

Tell: +86 13480725660

Email: [luke@rfcoms.com](mailto:luke@rfcoms.com)

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