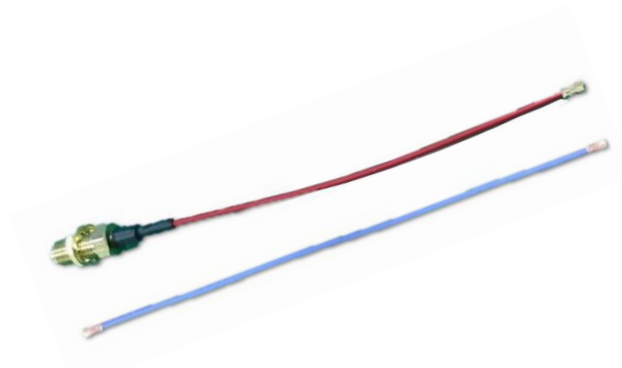


## BTAA Series



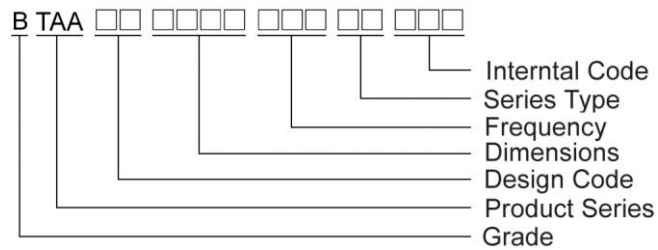
### Features

- Frequency DC~6GHz
- Antenna connector, RF coaxial cable can be used with different connectors (SMA, IPEX ...)
- SMA Bulkhead can be adjusted according to your needs, The tooth length can be 11.4mm or 10mm, You can also add a waterproof O-ring.
- Customized

### Applications

- Bluetooth, Wireless Router, Set Top Box and Home digital, LTE, NB-IOT, GPS, WiFi

### Product Identification



### Shapes and Dimensions

FIG 1

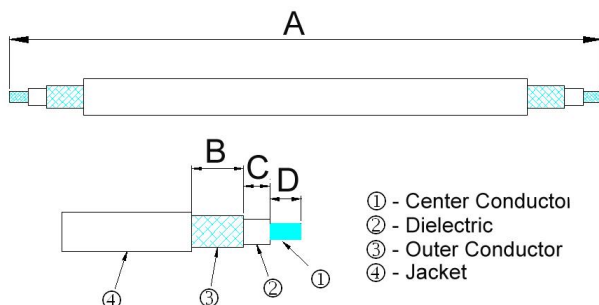
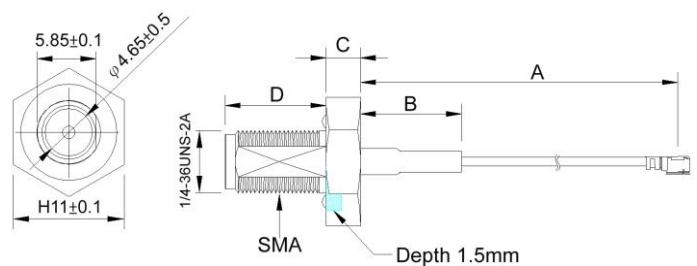


FIG 2



Dimensions in mm

TYPE	FIG	A	B	C	D	SMA
BTAA0000503G0C1A05	1	50 <sup>+30</sup> <sub>-0</sub>	2	1	1	-
BTAA0000956G0C4A04	2	95±3	10±3	3.4±0.5	14.4±2	Jack

# Connection Wire BTAA Series

## Shapes and Dimensions

FIG 3

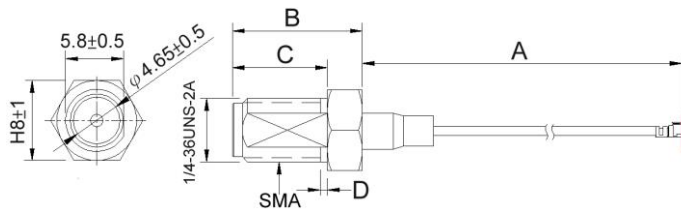


FIG 4

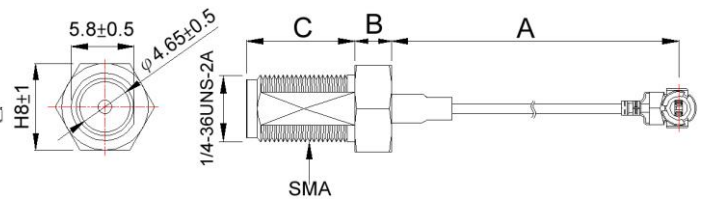


FIG 5

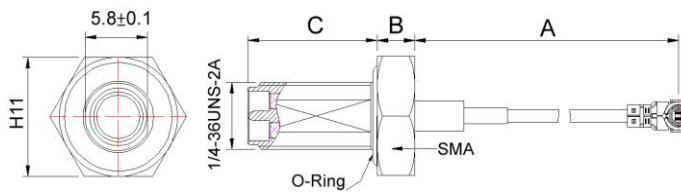
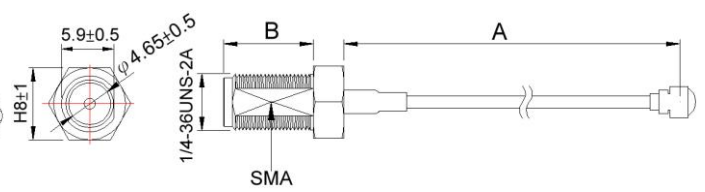


FIG 6



Dimensions in mm

TYPE	FIG	A	B	C	D	SMA
BTAA0001056G0C4A03	3	105±5 <sub>0</sub>	13	9.5±2	0.7	Straight Jack Reverse
BTAA0001106G0C1A10	4	110±5	3.4±0.5	10±2	-	Jack Reverse
BTAA0001506G0C4A24	5	150±5	3.5±0.1	12±0.2	-	RP- Straight Jack Reverse
BTAA0001606G0C4A10	3	160±5	13	9.5±2	0.7	Straight Jack Reverse
BTAA0002706G0C4A01	6	270+5-0	10±2	-	-	Jack Reverse

## Connection wire BTAA Series

### Electrical Characteristics

Part Number	Frequency Range (GHz)	Impedance ( $\Omega$ )	Insertion Loss dB(Max)	VSWR (Max)	Cable Loss dB(Max)
BTAA0000503G0C1A05	DC~6GHz	50	1.5	2	0.17
BTAA0001056G0C4A03	DC~6GHz	50	-1.6	1.5	-
BTAA0001106G0C1A10	DC~6GHz	50	-2.0	2	-
BTAA0001606G0C4A10	DC~6GHz	50	-1.8	1.5	-
BTAA0002706G0C4A01	DC~6GHz	50	2	1.5	-

### Physical Properties

Part Number	Connector Material	Cable	Color	Heat Shrink Tube	SMA	Connector
BTAA0000503G0C1A05	-	1.13	Gray	-	-	-
BTAA0001056G0C4A03	Brass;Gold Plated	1.37	Black	V	Straight Jack Reverse	IPEX-1
BTAA0001106G0C1A10	Brass;Gold Plated	1.13	Black	V	Jack Reverse	IPEX-1
BTAA0001606G0C4A10	Brass;Gold Plated	1.37	Black	V	Straight Jack Reverse	IPEX-1
BTAA0002706G0C4A01	Brass;Gold Plated	1.37	Black	V	Jack Reverse	IPEX-1

- Operating temperature range - 20°C ~ + 65°C
- Storage temperature range - 30°C ~ + 75°C

### Electrical Characteristics

Part Number	Frequency Range (GHz)	Impedance ( $\Omega$ )	Insertion Loss dB(Max)	VSWR (Max)
BTAA0001506G0C4A24	DC~6GHz	50	-2.0	2

### Physical Properties

Part Number	Connector Material	Cable	Color	Heat Shrink Tube	SMA	Connector
BTAA0001506G0C4A24	Brass;Gold Plated	1.37	Black	V	PR Straight Jack	IPEX-1

- Operating temperature range - 40°C ~ + 70°C
- Storage temperature range - 40°C ~ + 80°C

### Electrical Characteristics

Part Number	Frequency Range (GHz)	Impedance ( $\Omega$ )	Insertion Loss dB(Max)	VSWR (Max)
BTAA0000956G0C4A04	DC~6GHz	50	-2.0	2

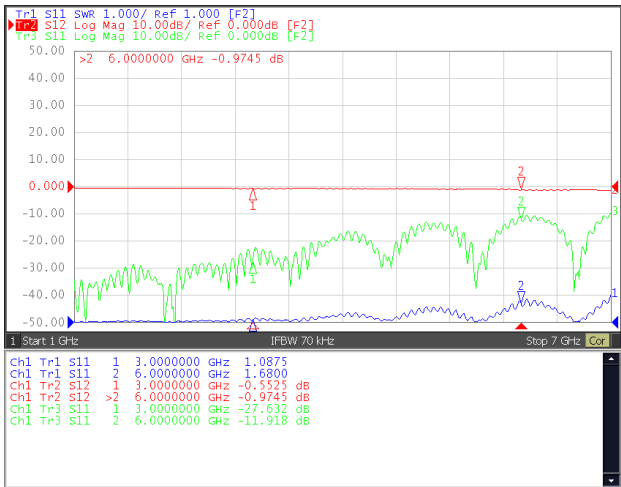
### Physical Properties

Part Number	Connector Material	Cable	Color	Heat Shrink Tube	SMA	Connector
BTAA0000956G0C4A04	-	1.37	Black	V	Jack	IPEX-1

- Operating temperature range - 40°C ~ + 85°C
- Storage temperature range - 40°C ~ + 85°C

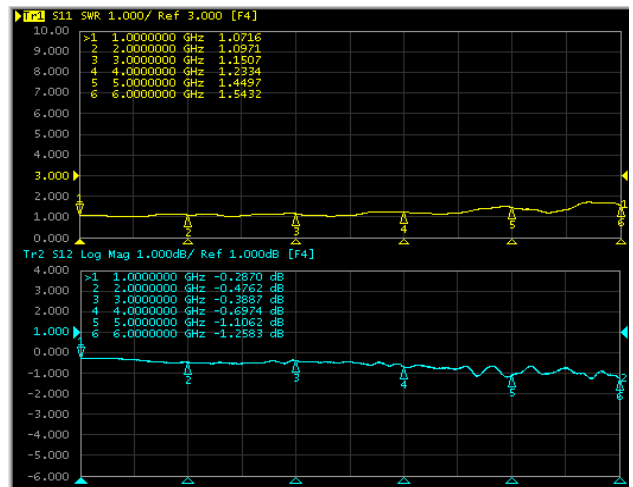
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Insertion Loss



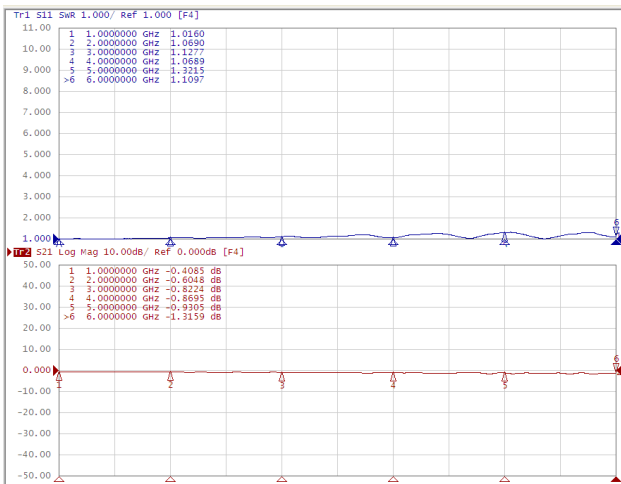
BTAA0000956G0C4A04

Insertion Loss / VSWR



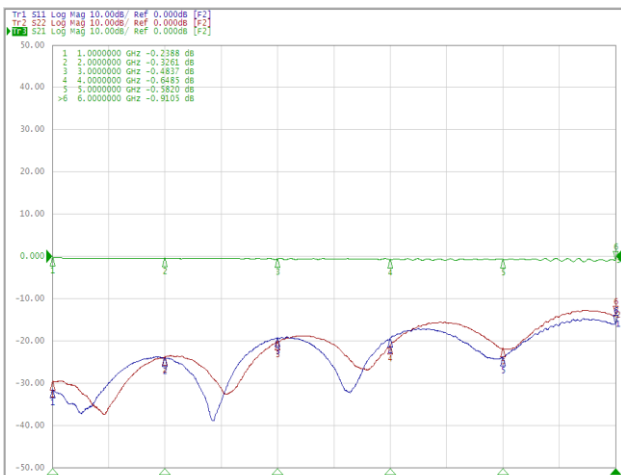
BTAA0001056G0C4A03

Insertion Loss / VSWR

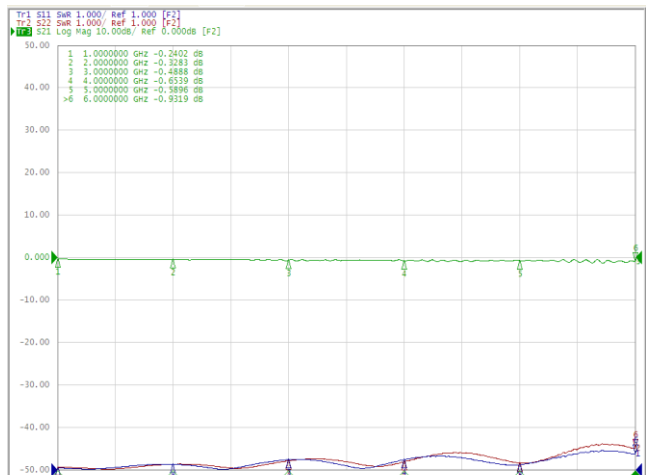


BTAA0001106G0C1A10

Insertion Loss



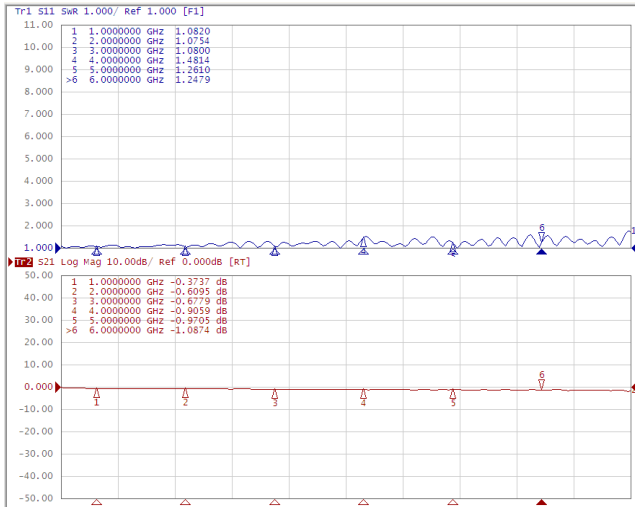
VSWR



Please be sure to request approval specifications that provide further details of the products. Kindly note that the content of these specifications are subject to change or may be discontinued without prior notice. This product may not be designed/used in medical or high risk applications without Chilisin approval. Please contact our sales department before ordering.

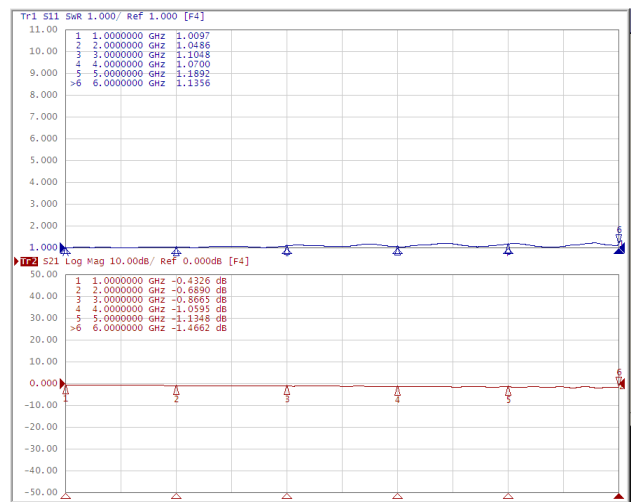
## BTAA0001506G0C4A24

### Insertion Loss



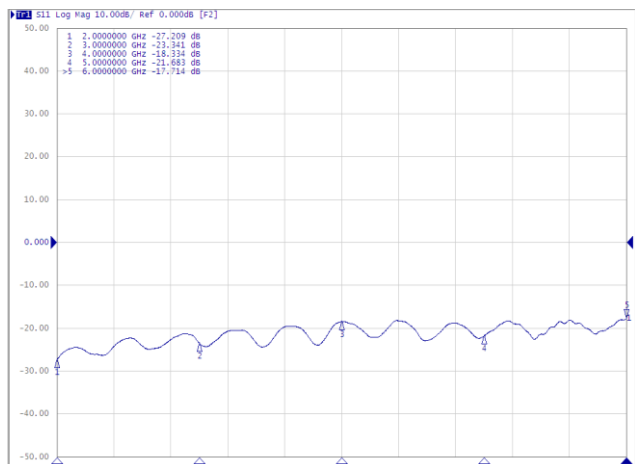
## BTAA0001606G0C4A10

### Insertion Loss / VSWR



## BTAA0002706G0C4A01

### Insertion Loss



### VSWR

