



**SOLVANG TECHNOLOY INC.**

www.solvangtech.com

Email : sales@solvangtech.com

## 3GHZ FIXED ATTENUATOR

**BNC MALE TO BNC FEMALE RATED TO 1W**

**P/NO.STI02-2100-XX**



### SPECIFICATION

Frequency	DC-3GHz
Attenuation Value:	3,5,10,20,30dB
Attenuation Accuracy:	3,5dB:± 0.6dB 10,20dB:± 0.7dB 30dB:± 0.8dB
VSWR:	1.3:1(Max.)
Power :	1W Avg. 100W Peak
Impedance:	50Ohm
Durability:	500 Cycles

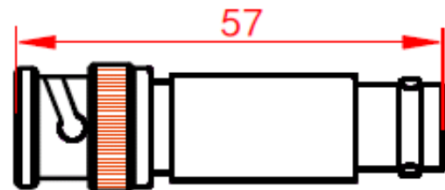
### MATERIAL LIST

Part	Material	Plated
Outer Conductor	Brass	Nickel
Center Conductor	Brass	Gold

### OUTLING DRAWING



Unit:mm



Any more request, please contact sales@solvangtech.com. Thank you ~

**1GHZ FIXED ATTENUATOR**

**N MALE TO N FEMALE RATED TO 100W**

**P/NO.STI02-1400-XX**



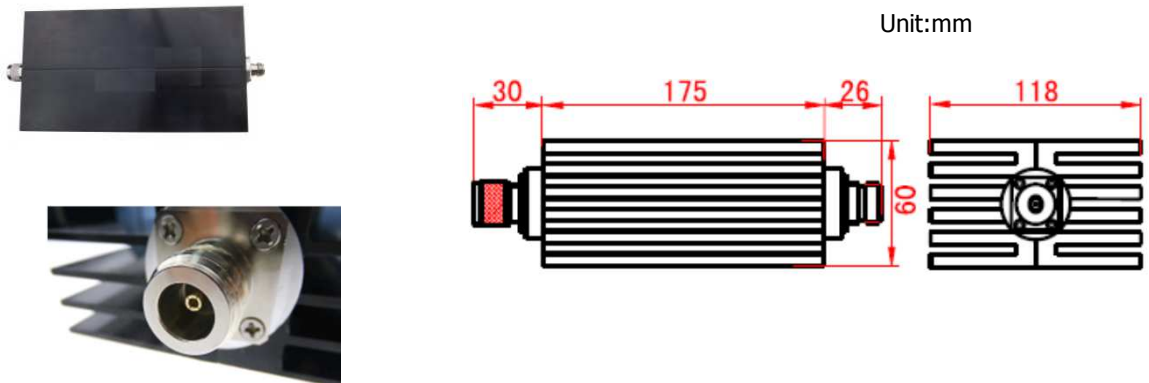
**SPECIFICATION**

Frequency	DC-3GHz
Attenuation Value:	10,20,30,40,50,60dB
Attenuation Accuracy:	10dB:± 0.7dB 20dB:± 0.8dB 30dB:± 1.0dB 40,50,60dB:± 1.5dB
VSWR:	1.2:1(Max.)
Power :	100W Avg. 10KW Peak
Impedance:	50Ohm
Durability:	500 Cycles

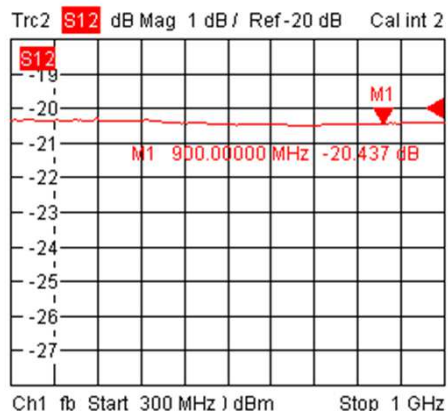
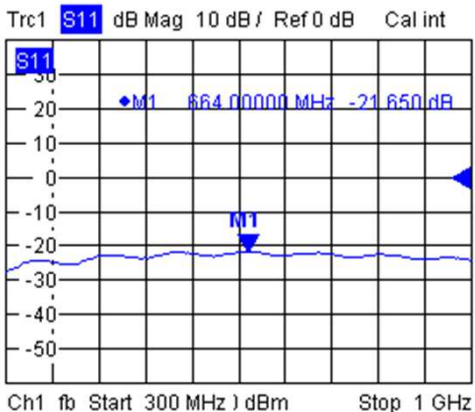
**MATERIAL LIST**

Part	Material	Plated
Outer Conductor	Brass	Nickel
Center Conductor	Brass	Gold
Housing	Aluminum	Black

**OUTLING DRAWING**



**TESTING DATA ( 100% S-PARAMETER TESTED)**





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## 2GHZ FIXED ATTENUATOR

**N MALE TO N FEMALE RATED TO 20W**

**P/NO.STI02-1200-XX**



### SPECIFICATION

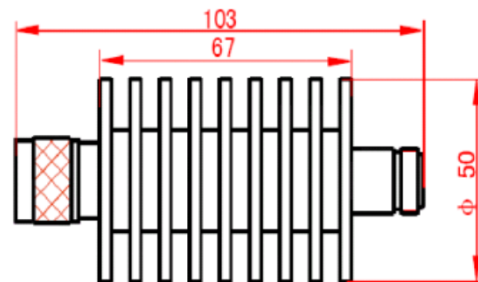
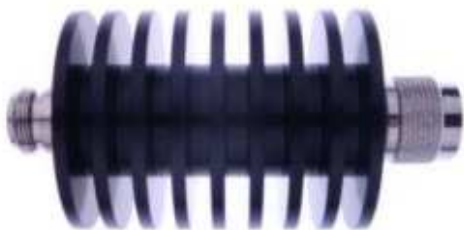
Frequency	DC-2GHz
Attenuation Value:	3,6,10,20,30dB
Attenuation Accuracy:	3,6,10dB:± 0.5dB 20dB:± 0.6dB 30dB:± 0.7dB
VSWR:	1.2:1(Max.)
Power :	20W Avg.
Impedance:	50Ohm
Durability:	500 Cycles

### MATERIAL LIST

Part	Material	Plated
Outer Conductor	Brass	Nickel
Center Conductor	Brass	Gold
Housing	Aluminum	Black

### OUTLING DRAWING

Unit:mm



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## 2GHZ FIXED ATTENUATOR

**N MALE TO N FEMALE RATED TO 100W**

**P/NO.STI02-1406-XX**



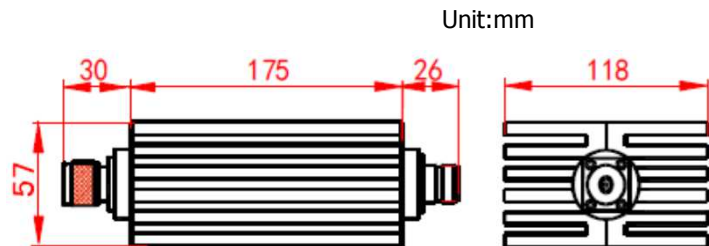
### SPECIFICATION

Frequency	DC-2GHz
Attenuation Value:	3,6,10,20,30dB
Attenuation Accuracy:	3,6dB:± 0.5dB 10dB:± 0.6dB 20dB:± 0.8dB 30dB:± 1.0dB
VSWR:	1.25:1(Max.)
Power :	100W Avg. 10KW Peak
Impedance:	50Ohm
Durability:	500 Cycles

### MATERIAL LIST

Part	Material	Plated
Outer Conductor	Brass	Nickel
Center Conductor	Brass	Gold
Housing	Aluminum	Black

### OUTLING DRAWING



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## 2.5GHZ FIXED ATTENUATOR

**N MALE TO N FEMALE RATED TO 50W**

**P/NO.STI02-1300-XX**



### SPECIFICATION

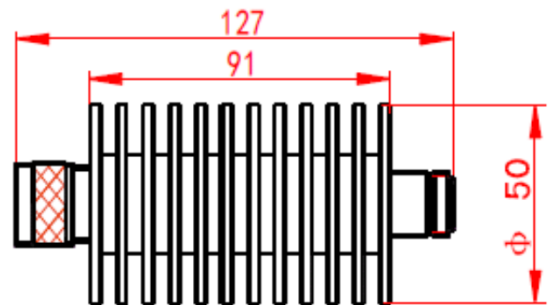
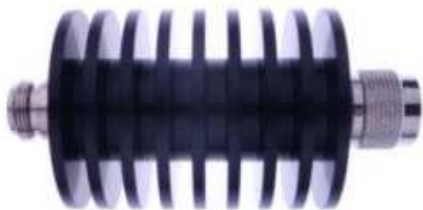
Frequency	DC-2.5GHz
Attenuation Value:	3,6,10,20,30dB
Attenuation Accuracy:	3,6,10dB:± 0.5dB 20dB:± 0.7dB 30dB:± 0.8dB
VSWR:	1.2:1(Max.)
Power :	50W Avg. 5KW Peak
Impedance:	50Ohm
Durability:	500 Cycles

### MATERIAL LIST

Part	Material	Plated
Outer Conductor	Brass	Nickel
Center Conductor	Brass	Gold
Housing	Aluminum	Black

### OUTLING DRAWING

Unit:mm



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## 2.5GHZ FIXED ATTENUATOR

**N MALE TO N FEMALE RATED TO 100W**

**P/NO.STI02-1408-XX**



### SPECIFICATION

Frequency	DC-2.5GHz
Attenuation Value:	3,5,6,10,20,30dB
Attenuation Accuracy:	3,5,6dB:± 0.6dB 10dB:± 0.7dB 20dB:± 0.8dB 30dB:± 1.0dB
VSWR:	1.3:1(Max.)
Power :	100W Avg. 5KW Peak
Impedance:	50Ohm
Durability:	500 Cycles

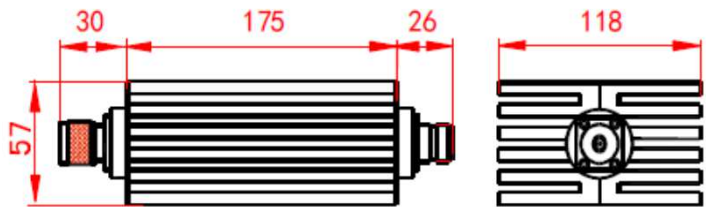
### MATERIAL LIST

Part	Material	Plated
Outer Conductor	Brass	Nickel
Center Conductor	Brass	Gold
Housing	Aluminum	Black

### OUTLING DRAWING



Unit:mm



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## 2.5GHZ FIXED ATTENUATOR

**N MALE TO N FEMALE RATED TO 150W**

**P/NO.STI02-1500-XX**



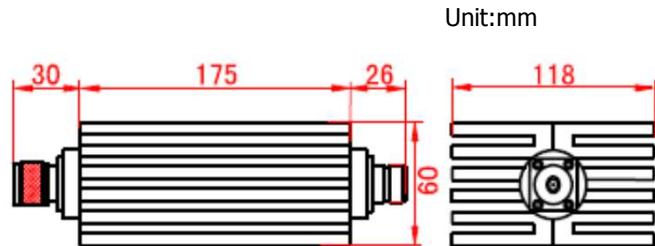
### SPECIFICATION

Frequency	DC-2.5GHz
Attenuation Value:	10,20,30dB
Attenuation Accuracy:	10dB:± 0.7dB 20dB:± 0.8dB 30dB:± 1.0dB
VSWR:	1.3:1(Max.)
Power :	150W Avg. 10KW Peak
Impedance:	50Ohm
Durability:	500 Cycles

### MATERIAL LIST

Part	Material	Plated
Outer Conductor	Brass	Nickel
Center Conductor	Brass	Gold
Housing	Aluminum	Black

### OUTLING DRAWING



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## 3GHZ FIXED ATTENUATOR

**N MALE TO N FEMALE RATED TO 10W**

**P/NO.STI02-2301-XX**



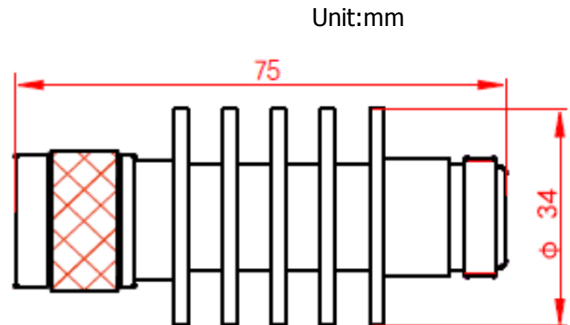
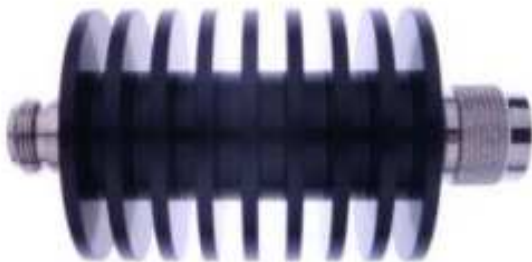
### SPECIFICATION

Frequency	DC-3GHz
Attenuation Value:	3,5,6,10,20,30dB
Attenuation Accuracy:	3,5,6,10dB:± 0.5dB 20dB:± 0.7dB 30dB:± 1.0dB
VSWR:	1.2:1(Max.)
Power :	10W Avg. 200W Peak
Impedance:	50Ohm
Durability:	500 Cycles

### MATERIAL LIST

Part	Material	Plated
Outer Conductor	Brass	Nickel
Center Conductor	Brass	Gold
Housing	Aluminum	Black

### OUTLING DRAWING



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**3GHZ FIXED ATTENUATOR**  
**N MALE TO N FEMALE RATED TO 20W**  
**P/NO.STI02-2402-XX**



**SPECIFICATION**

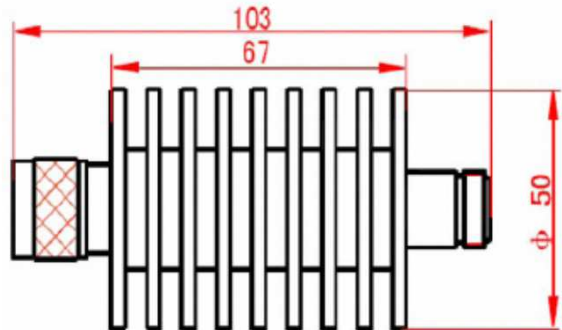
Frequency	DC-3GHz
Attenuation Value:	3,6,10,20,30dB
Attenuation Accuracy:	3,6dB:± 0.5dB 10dB:± 0.6dB 20dB:± 0.7dB 30dB:± 0.8dB
VSWR:	1.2:1(Max.)
Power :	20W Avg. 2KW Peak
Impedance:	50Ohm
Durability:	500 Cycles

**MATERIAL LIST**

Part	Material	Plated
Outer Conductor	Brass	Nickel
Center Conductor	Brass	Gold
Housing	Aluminum	Black

**OUTLING DRAWING**

Unit:mm



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**3GHZ FIXED ATTENUATOR**  
**N MALE TO N FEMALE RATED TO 100W**  
**P/NO.STI02-2600-XX**



**SPECIFICATION**

Frequency	DC-3GHz
Attenuation Value:	10,20,30dB
Attenuation Accuracy:	10dB:± 0.7dB 20dB:± 0.8dB 30dB:± 1.0dB
VSWR:	1.3:1(Max.)
Power :	100W Avg. 5KW Peak
Impedance:	50Ohm
Durability:	500 Cycles

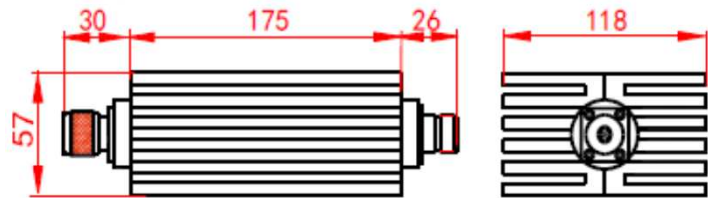
**MATERIAL LIST**

Part	Material	Plated
Outer Conductor	Brass	Nickel
Center Conductor	Brass	Gold
Housing	Aluminum	Black

**OUTLING DRAWING**



Unit:mm



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## 3GHZ FIXED ATTENUATOR

### N MALE TO N FEMALE RATED TO 200W

### P/NO.STI02-2700-XX



#### SPECIFICATION

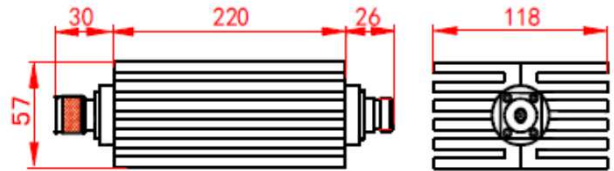
Frequency	DC-3GHz
Attenuation Value:	3,5,6,10,20,30dB
Attenuation Accuracy:	3,5,6dB:± 0.5dB 10dB:± 0.7dB 20dB:± 0.8dB 30dB:± 1.0dB
VSWR:	1.35:1(Max.)
Power :	200W Avg. 15KW Peak
Impedance:	50Ohm
Durability:	500 Cycles

#### MATERIAL LIST

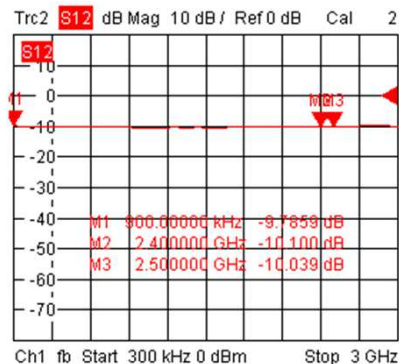
Part	Material	Plated
Outer Conductor	Brass	Nickel
Center Conductor	Brass	Gold
Housing	Aluminum	Black

#### OUTLING DRAWING

Unit:mm



#### TESTING DATA ( 100% S-PARAMETER TESTED)



Any more request, please contact sales@solvangtech.com. Thank you ~



### 4GHZ FIXED ATTENUATOR

### N MALE TO N FEMALE RATED TO 2W

### P/NO.STI02-2800-XX



#### SPECIFICATION

Frequency	DC-4GHz
Attenuation Value:	3,5,6,10,20,30,40dB
Attenuation Accuracy:	3,5,6dB:± 0.5dB
	10,20dB:± 0.6dB
	30dB:± 0.8dB
	40dB:± 1.0dB
VSWR:	1.2:1(Max.)
Power :	2W Avg. 200W Peak
Impedance:	50Ohm
Durability:	500 Cycles

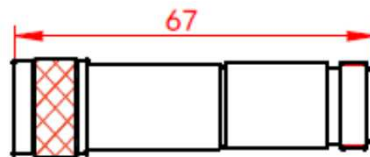
#### MATERIAL LIST

Part	Material	Plated
Body	Brass	Nickel
Center Conductor	Brass	Gold

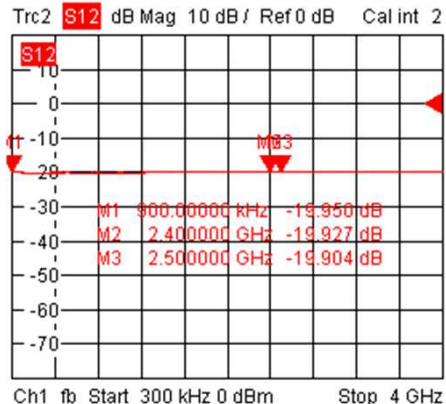
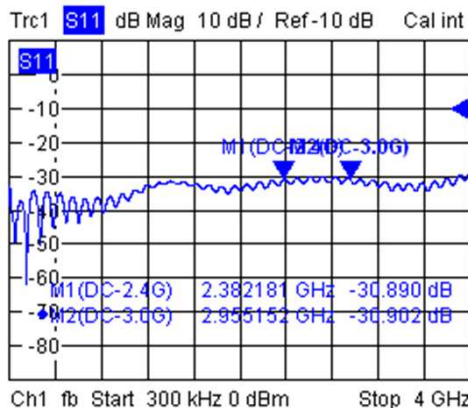
#### OUTLING DRAWING



Unit:mm



#### TESTING DATA ( 100% S-PARAMETER TESTED)



## 4GHZ FIXED ATTENUATOR

### N MALE TO N FEMALE RATED TO 25W

### P/NO.STI02-2404-XX



#### SPECIFICATION

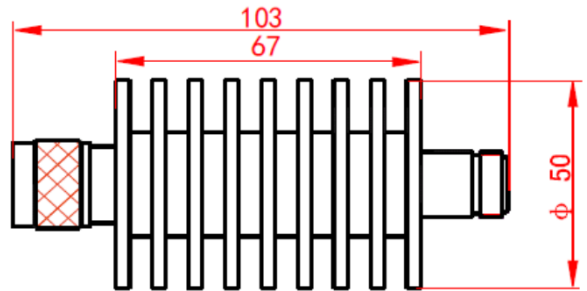
Frequency	DC-4GHz
Attenuation Value:	3,6,10,20,30dB
Attenuation Accuracy:	3,6dB:± 0.5dB
	10dB:± 0.6dB
	20dB:± 0.7dB
	30dB:± 0.8dB
VSWR:	1.2:1(Max.)
Power :	25W Avg. 5KW Peak
Impedance:	50Ohm
Durability:	500 Cycles

#### MATERIAL LIST

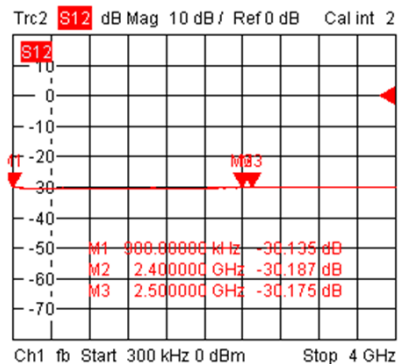
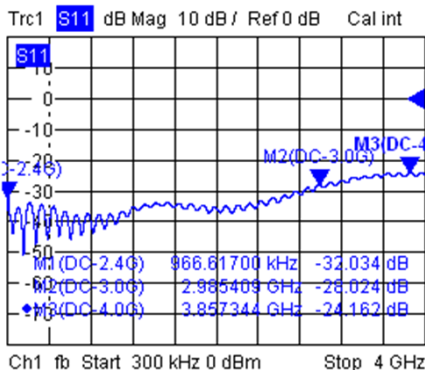
Part	Material	Plated
Outer Conductor	Brass	Nickel
Center Conductor	Brass	Gold
Housing	Aluminum	Black

#### OUTLING DRAWING

Unit:mm



#### TESTING DATA ( 100% S-PARAMETER TESTED)



Any more request, please contact [sales@solvangtech.com](mailto:sales@solvangtech.com). Thank you ~

**6GHZ FIXED ATTENUATOR**  
**N MALE TO N FEMALE RATED TO 2W**  
**P/NO.STI02-3101-XX**



**SPECIFICATION**

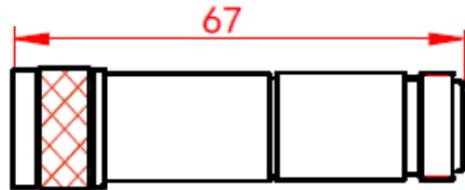
Frequency	DC-6GHz
Attenuation Value:	3,5,6,10,20,30dB
Attenuation Accuracy:	3,5,6dB:± 0.5dB 10dB:± 0.6dB 20dB:± 0.7dB 30dB:± 1.0dB
VSWR:	1.3:1(Max.)
Power :	2W Avg. 200W Peak
Impedance:	50Ohm
Durability:	500 Cycles

**MATERIAL LIST**

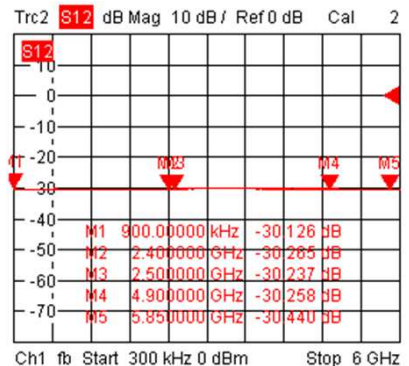
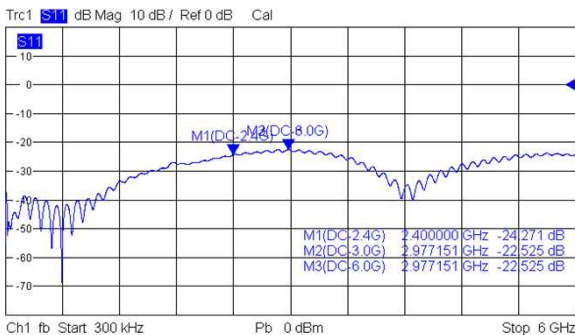
Part	Material	Plated
Outer Conductor	Brass	Nickel
Center Conductor	Brass	Gold

**OUTLING DRAWING**

Unit:mm



**TESTING DATA ( 100% S-PARAMETER TESTED)**





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**6GHZ FIXED ATTENUATOR**  
**N MALE TO N FEMALE RATED TO 5W**  
**P/NO.STI02-3207-XX**



**SPECIFICATION**

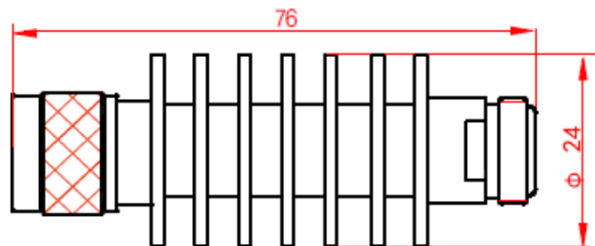
Frequency	DC-6GHz
Attenuation Value:	3,5,6,10,15,20,30dB
Attenuation Accuracy:	3,5,6,10dB:± 0.6dB 15,20dB:± 0.7dB 30dB:± 1.0dB
VSWR:	1.3:1(Max.)
Power :	5W Avg. 200W Peak
Impedance:	50Ohm
Durability:	500 Cycles

**MATERIAL LIST**

Part	Material	Plated
Outer Conductor	Brass	Nickel
Center Conductor	Brass	Gold
Housing	Aluminum	Black

**OUTLING DRAWING**

Unit:mm



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**6GHZ FIXED ATTENUATOR**  
**N MALE TO N FEMALE RATED TO 10W**  
**P/NO.STI02-3308-XX**



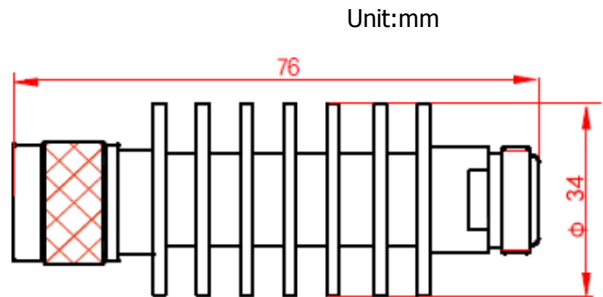
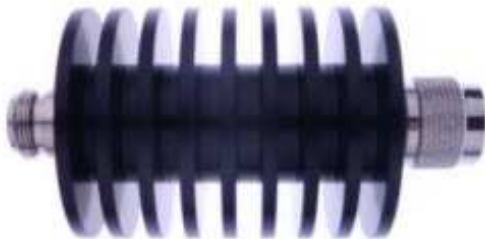
**SPECIFICATION**

Frequency	DC-6GHz
Attenuation Value:	3,5,6,10,15,20,30dB
Attenuation Accuracy:	3,5,6,10dB:± 0.5dB 15,20dB:± 0.7dB 30dB:± 1.0dB
VSWR:	1.3:1(Max.)
Power :	10W Avg. 500W Peak
Impedance:	50Ohm
Durability:	500 Cycles

**MATERIAL LIST**

Part	Material	Plated
Outer Conductor	Brass	Nickel
Center Conductor	Brass	Gold
Housing	Aluminum	Black

**OUTLING DRAWING**



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**6GHZ FIXED ATTENUATOR**  
**N MALE TO N FEMALE RATED TO 20W**  
**P/NO.STI02-3107-XX**



**SPECIFICATION**

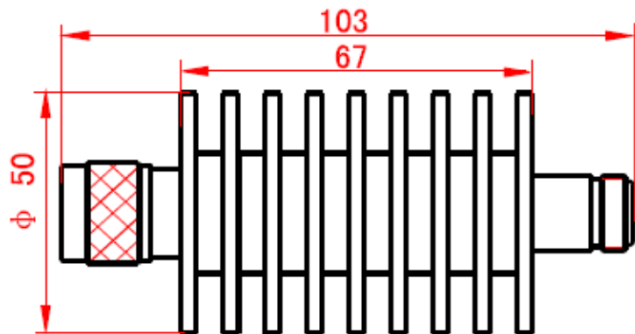
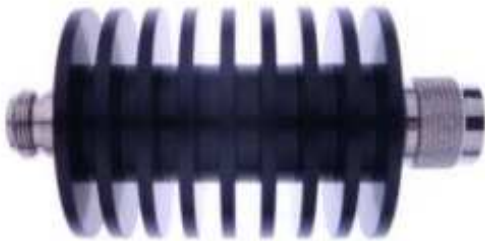
Frequency	DC-6GHz
Attenuation Value:	3,6,10,20,30dB
Attenuation Accuracy:	3,6dB:± 0.5dB 10dB:± 0.7dB 20dB:± 0.8dB 30dB:± 1.0dB
VSWR:	1.35:1(Max.)
Power :	20W Avg. 2KW Peak
Impedance:	50Ohm
Durability:	500 Cycles

**MATERIAL LIST**

Part	Material	Plated
Outer Conductor	Brass	Nickel
Center Conductor	Brass	Gold
Housing	Aluminum	Black

**OUTLING DRAWING**

Unit:mm



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## 6GHZ FIXED ATTENUATOR

### N MALE TO N FEMALE RATED TO 25W

### P/NO.STI02-3120-XX



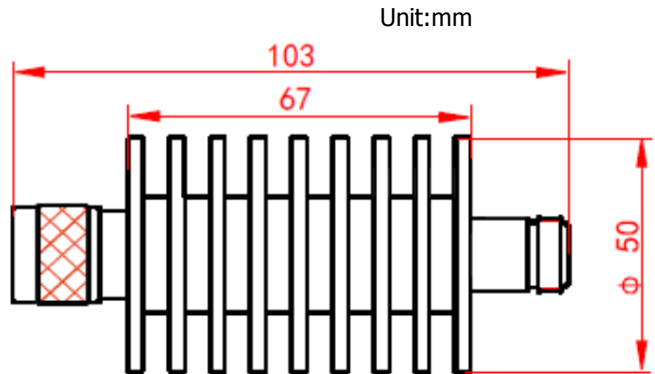
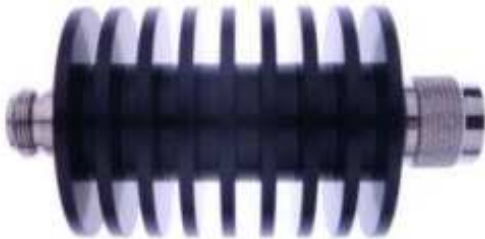
#### SPECIFICATION

Frequency	DC-6GHz
Attenuation Value:	3,6,10,20,30dB
Attenuation Accuracy:	3,6,10dB:± 0.5dB
	20dB:± 0.7dB
	30dB:± 1.0dB
VSWR:	1.3:1(Max.)
Power :	25W Avg. 1KW Peak
Impedance:	50ohm
Durability:	500 Cycles

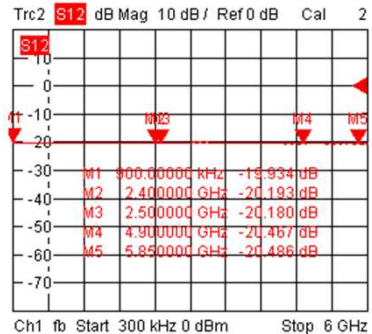
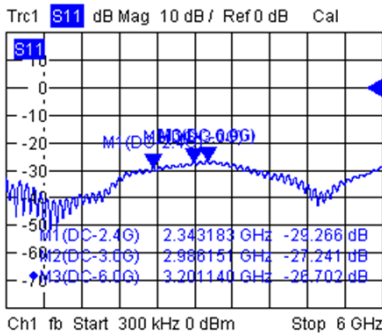
#### MATERIAL LIST

Part	Material	Plated
Outer Conductor	Brass	Nickel
Center Conductor	Brass	Gold
Housing	Aluminum	Black

#### OUTLING DRAWING



#### TESTING DATA ( 100% S-PARAMETER TESTED)



Any more request, please contact sales@solvangtech.com. Thank you ~



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**6GHZ FIXED ATTENUATOR**  
**N MALE TO N FEMALE RATED TO 30W**  
**P/NO.STI02-3112-XX**



**SPECIFICATION**

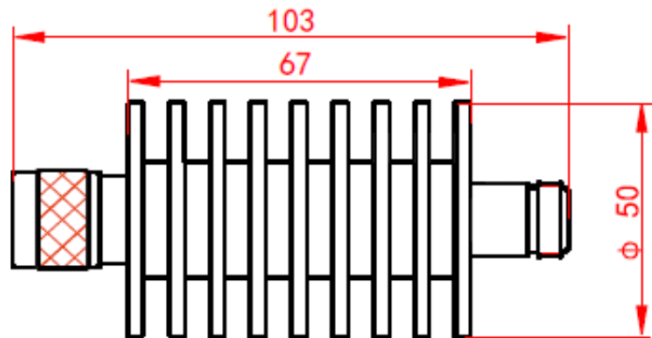
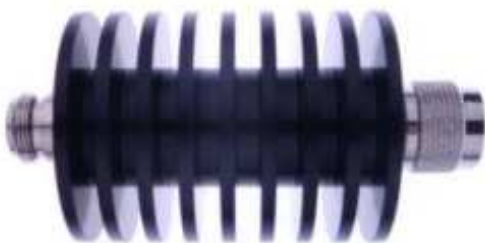
Frequency	DC-6GHz
Attenuation Value:	3,6,10,20,30dB
Attenuation Accuracy:	3,6dB:± 0.6dB 10dB:± 0.7dB 20dB:± 0.8dB 30dB:± 1.0dB
VSWR:	1.3:1(Max.)
Power :	30W Avg. 3KW Peak
Impedance:	50Ohm
Durability:	500 Cycles

**MATERIAL LIST**

Part	Material	Plated
Outer Conductor	Brass	Nickel
Center Conductor	Brass	Gold
Housing	Aluminum	Black

**OUTLING DRAWING**

Unit:mm



Any more request, please contact sales@solvangtech.com. Thank you ~



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**6GHZ FIXED ATTENUATOR**  
**N MALE TO N FEMALE RATED TO 50W**  
**P/NO.STI02-1303-XX**



**SPECIFICATION**

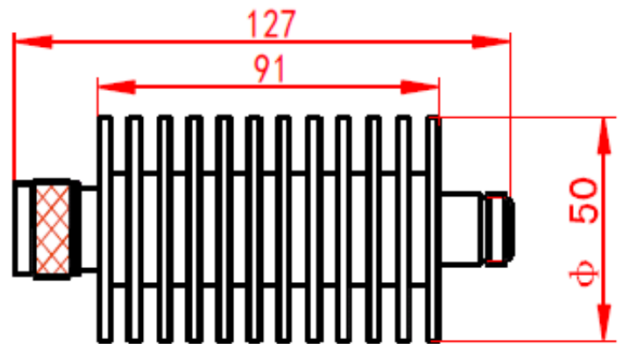
Frequency	DC-6GHz
Attenuation Value:	3,6,10,20,30dB
Attenuation Accuracy:	3,6dB:± 0.6dB 10dB:± 0.7dB 20dB:± 0.8dB 30dB:± 1.0dB
VSWR:	1.3:1(Max.)
Power :	50W Avg. 5KW Peak
Impedance:	50Ohm
Durability:	500 Cycles

**MATERIAL LIST**

Part	Material	Plated
Outer Conductor	Brass	Nickel
Center Conductor	Brass	Gold
Housing	Aluminum	Black

**OUTLING DRAWING**

Unit:mm



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**8GHZ FIXED ATTENUATOR**  
**N MALE TO N FEMALE RATED TO 2W**  
**P/NO.STI02-2814-XX**



**SPECIFICATION**

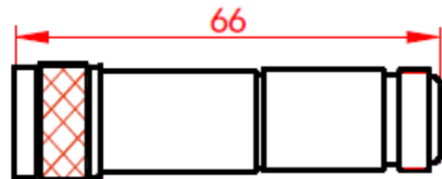
Frequency	DC-8GHz
Attenuation Value:	3,5,6,10,15,20,30dB
Attenuation Accuracy:	3,5,6,10dB:± 0.6dB 15,20dB:± 0.7dB 30dB:± 1.0dB
VSWR:	1.3:1(Max.)
Power :	2W Avg. 200W Peak
Impedance:	50Ohm
Durability:	500 Cycles

**MATERIAL LIST**

Part	Material	Plated
Outer Conductor	Brass	Nickel
Center Conductor	Brass	Gold

**OUTLING DRAWING**

Unit:mm



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**10GHZ FIXED ATTENUATOR**  
**N MALE TO N FEMALE RATED TO 5W**  
**P/NO.STI02-4300-XX**



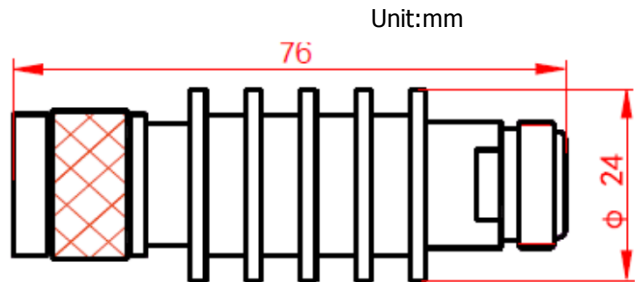
**SPECIFICATION**

Frequency	DC-10GHz
Attenuation Value:	3,5,6,10,15,20,30dB
Attenuation Accuracy:	3,5,6dB:± 0.6dB 10,15,20dB:± 0.7dB 30dB:± 1.0dB
VSWR:	1.3:1(Max.)
Power :	5W Avg. 500W Peak
Impedance:	50Ohm
Durability:	500 Cycles

**MATERIAL LIST**

Part	Material	Plated
Outer Conductor	Brass	Nickel
Center Conductor	Brass	Gold
Housing	Aluminum	Black

**OUTLING DRAWING**



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**12GHZ FIXED ATTENUATOR**  
**N MALE TO N FEMALE RATED TO 2W**  
**P/NO.STI02-4105-XX**



**SPECIFICATION**

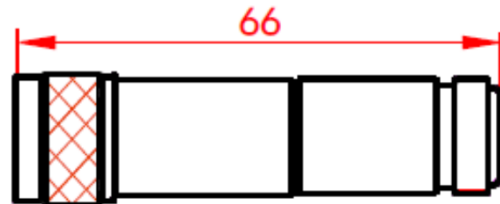
Frequency	DC-12GHz
Attenuation Value:	3,5,6,10,15,20,30dB
Attenuation Accuracy:	3,5,6,10dB:± 0.6dB 15,20dB:± 0.8dB 30dB:± 1.0dB
VSWR:	1.35:1(Max.)
Power :	2W Avg. 200W Peak
Impedance:	50Ohm
Durability:	500 Cycles

**MATERIAL LIST**

Part	Material	Plated
Outer Conductor	Brass	Nickel
Center Conductor	Brass	Gold

**OUTLING DRAWING**

Unit:mm



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## 3GHZ FIXED ATTENUATOR

**SMA MALE TO SMA FEMALE RATED TO 20W**

**P/NO.STI02-2400-XX**



### SPECIFICATION

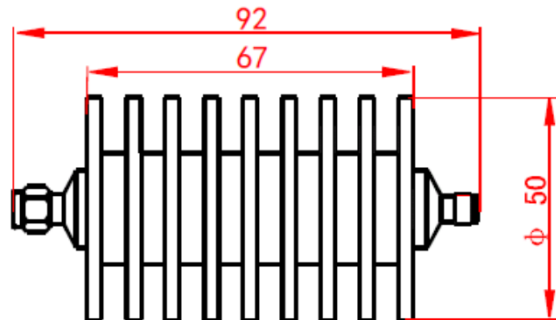
Frequency	DC-3GHz
Attenuation Value:	3,6,10,15,20,30dB
Attenuation Accuracy:	3,6,10dB:± 0.5dB 15,20dB:± 0.7dB 30dB:± 0.8dB
VSWR:	1.2:1(Max.)
Power :	20W Avg. 2KW Peak
Impedance:	50Ohm
Durability:	500 Cycles

### MATERIAL LIST

Part	Material	Plated
Outer Conductor	Brass	Nickel
Center Conductor	Brass	Gold
Housing	Aluminum	Black

### OUTLING DRAWING

Unit:mm



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## 6GHZ FIXED ATTENUATOR

### SMA MALE TO SMA FEMALE RATED TO 2W

### P/NO.STI02-3127-XX



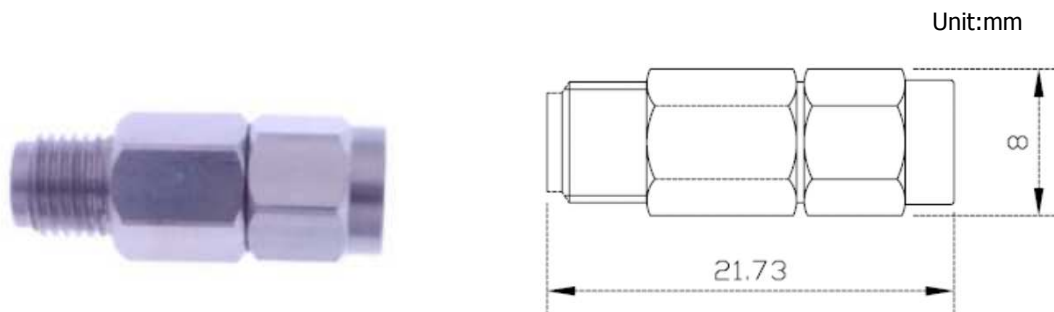
#### SPECIFICATION

Frequency	DC-6GHz
Attenuation Value:	1,2,3,5,6,10,20,30dB
Attenuation Accuracy:	1,2,3,5,6,10,20dB:± 0.5dB 30dB:± 0.75dB
VSWR:	1,2,3,5,6 dB:1.15:1(Max.)@DC-2.5GHz 1.20:1(Max.)@2.5-6GHz 10dB:1.25:1(Max.) 20,30dB:1.3:1(Max.)
Power :	2W Avg. 200W Peak
Impedance:	50Ohm
Durability:	500 Cycles
Operating Temp.	-65℃~125℃

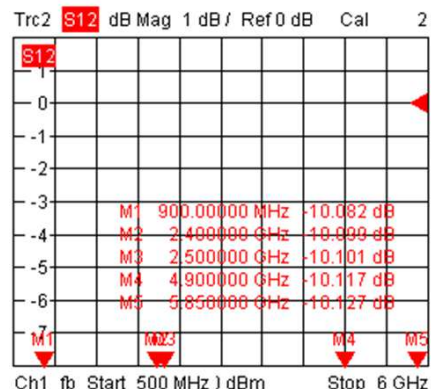
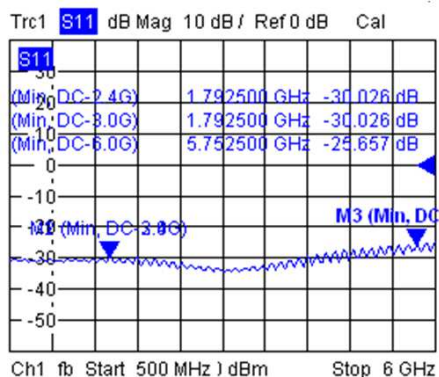
#### MATERIAL LIST

Part	Material	Plated
Body	Stainless Steel	Nickel
Center Contact	Beryllium copper	Gold

#### OUTLING DRAWING



#### TESTING DATA ( 100% S-PARAMETER TESTED)



## 6GHZ FIXED ATTENUATOR

### SMA MALE TO SMA FEMALE RATED TO 5W

### P/NO.STI02-3200-XX



#### SPECIFICATION

Frequency	DC-6GHz
Attenuation Value:	3,5,6,10,15,20,30dB
Attenuation Accuracy:	3,5,6dB:± 0.6dB 10,15dB:± 0.7dB 20dB:± 0.8dB 30dB:± 1.0dB
VSWR:	1.3:1(Max.)
Power :	5W Avg. 500W Peak
Impedance:	50Ohm
Durability:	500 Cycles

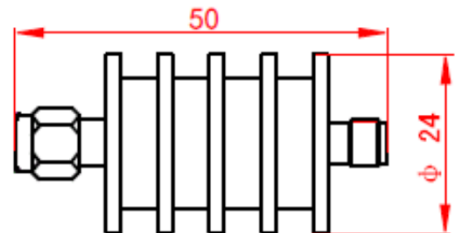
#### MATERIAL LIST

Part	Material	Plated
Outer Conductor	Brass	Nickel
Center Conductor	Brass	Gold
Housing	Aluminum	Black

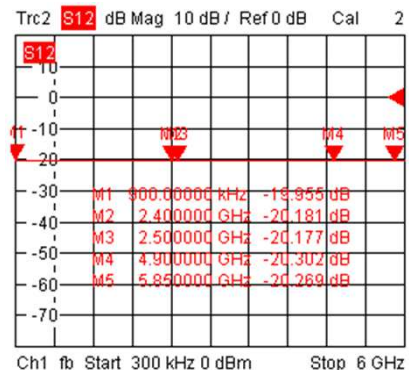
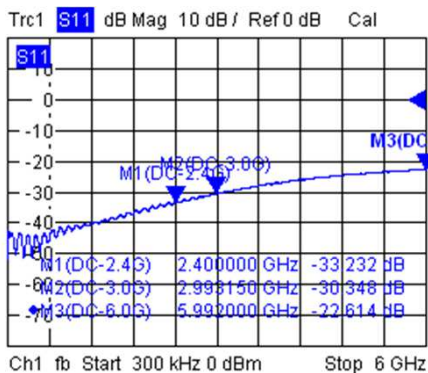
#### OUTLING DRAWING



Unit:mm



#### TESTING DATA ( 100% S-PARAMETER TESTED)



**6GHZ FIXED ATTENUATOR**

**SMA MALE TO SMA FEMALE RATED TO 10W**

**P/NO.STI02-3300-XX**



**SPECIFICATION**

Frequency	DC-6GHz
Attenuation Value:	3,5,6,10,15,20,30dB
Attenuation Accuracy:	3,5,6dB:± 0.6dB 10,15dB:± 0.7dB 20dB:± 0.8dB 30dB:± 1.0dB
VSWR:	1.25:1(Max.)
Power :	10W Avg. 1KW Peak
Impedance:	50Ohm
Durability:	500 Cycles

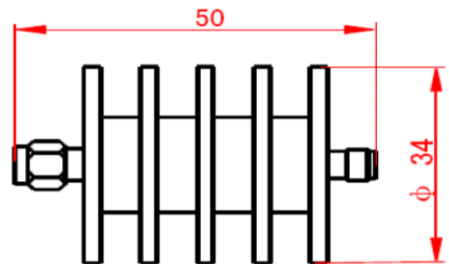
**MATERIAL LIST**

Part	Material	Plated
Outer Conductor	Brass	Nickel
Center Conductor	Brass	Gold
Housing	Aluminum	Black

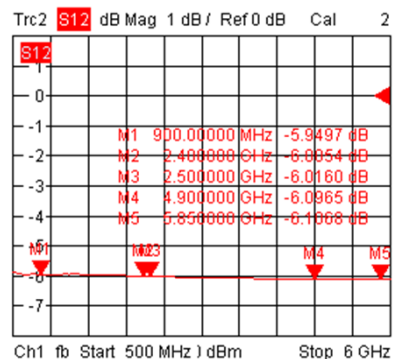
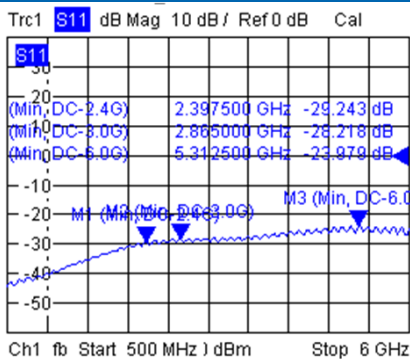
**OUTLING DRAWING**



Unit:mm



**TESTING DATA ( 100% S-PARAMETER TESTED)**





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## 8GHZ FIXED ATTENUATOR

**SMA MALE TO SMA FEMALE RATED TO 2W**

**P/NO.STI02-2807-XX**



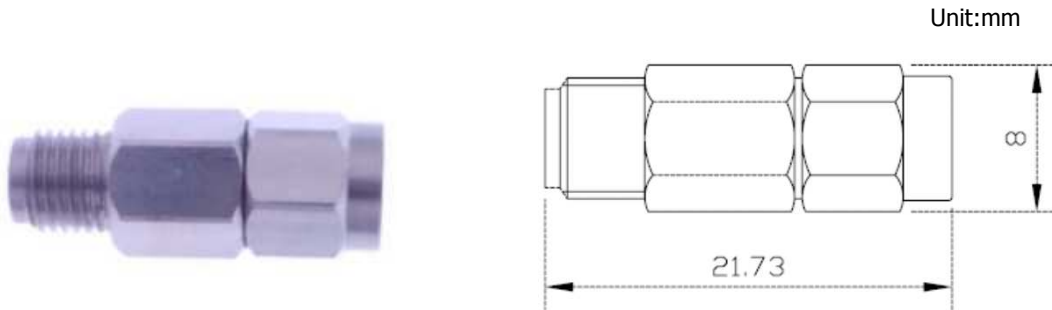
### SPECIFICATION

Frequency	DC-8GHz
Attenuation Value:	1,2,3,5,6,10,20,30dB
Attenuation Accuracy:	1,2,3,5,6,10,20dB:± 0.5dB 30dB:± 0.75dB
VSWR:	1,2,3,5,6 dB:1.15:1(Max.)@DC-2.5GHz 1.20:1(Max.)@2.5-8GHz 10dB:1.25:1(Max.) 20,30dB:1.3:1(Max.)
Power :	2W Avg. 200W Peak
Impedance:	50Ohm
Durability:	500 Cycles
Operating Temp.	-65℃~125℃

### MATERIAL LIST

Part	Material	Plated
Body	Stainless Steel	Nickel
Center Contact	Beryllium copper	Gold

### OUTLING DRAWING



### TESTING DATA ( 100% S-PARAMETER TESTED)



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## 12GHZ FIXED ATTENUATOR

**SMA MALE TO SMA FEMALE RATED TO 5W**

**P/NO.STI02-4200-XX**



### SPECIFICATION

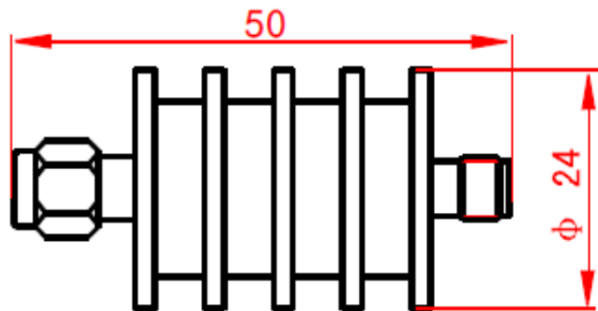
Frequency	DC-12GHz
Attenuation Value:	3,5,6,10,15,20,30dB
Attenuation Accuracy:	3,5,6,10dB:± 0.6dB 15,20dB:± 0.8dB 30dB:± 1.0dB
VSWR:	1.35:1(Max.)
Power :	5W Avg. 500W Peak
Impedance:	50Ohm
Durability:	500 Cycles

### MATERIAL LIST

Part	Material	Plated
Outer Conductor	Brass	Nickel
Center Conductor	Brass	Gold
Housing	Aluminum	Black

### OUTLING DRAWING

Unit:mm



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## 12.4GHZ FIXED ATTENUATOR

### SMA MALE TO SMA FEMALE RATED TO 2W

**P/NO.STI02-4100-XX**



#### SPECIFICATION

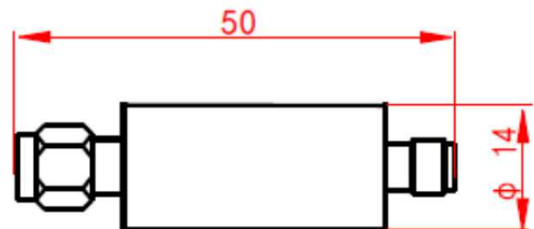
Frequency	DC-12.4GHz
Attenuation Value:	3,5,6,10,15,20,30dB
Attenuation Accuracy:	3,5,6,10dB:± 0.6dB 15,20dB:± 0.8dB 30dB:± 1.0dB
VSWR:	1.35:1(Max.)
Power :	2W Avg. 200W Peak
Impedance:	50Ohm
Durability:	500 Cycles

#### MATERIAL LIST

Part	Material	Plated
Outer Conductor	Brass	Nickel
Center Conductor	Brass	Gold

#### OUTLING DRAWING

Unit:mm



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## 18GHZ FIXED ATTENUATOR

**SMA MALE TO SMA FEMALE RATED TO 2W**

**P/NO.STI02-5100-XX**



### SPECIFICATION

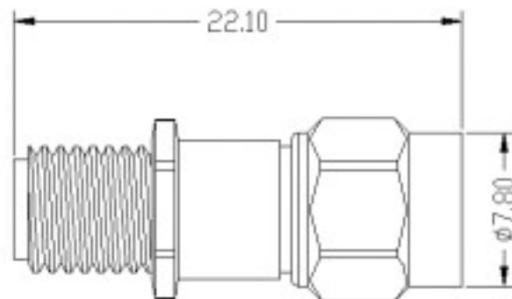
Frequency	DC-18GHz
Attenuation:	3,6,10,15,20,30dB
Attenuation Accuracy:	3,6,10dB:± 0.5dB 15,20,30dB:± 1.0dB
VSWR:	1.2:1(Max.)
Power :	2W Avg.
Impedance:	50Ohm
Durability:	500 Cycles

### MATERIAL LIST

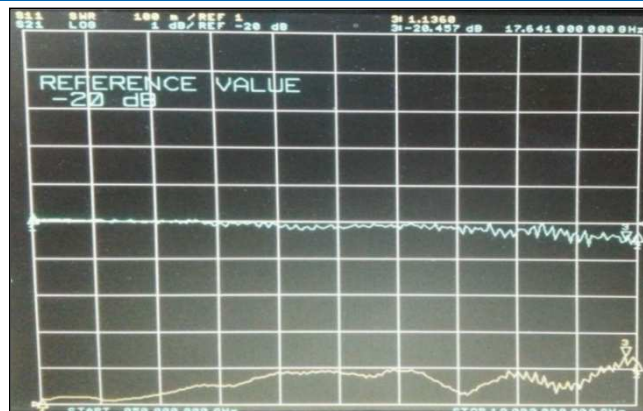
Part	Material	Plated
Housing	Stainless Steel	
Center Conductor	Brass	Gold

### OUTLING DRAWING

Unit:mm



### TESTING DATA ( 100% S-PARAMETER TESTED)



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**3GHZ 0-35DB PUSH BUTTON STEP ATTENUATOR WITH 1DB STEP**

**SMA FEMALE TO SMA FEMALE RATED TO 2W**

**P/NO.STI02-0210**



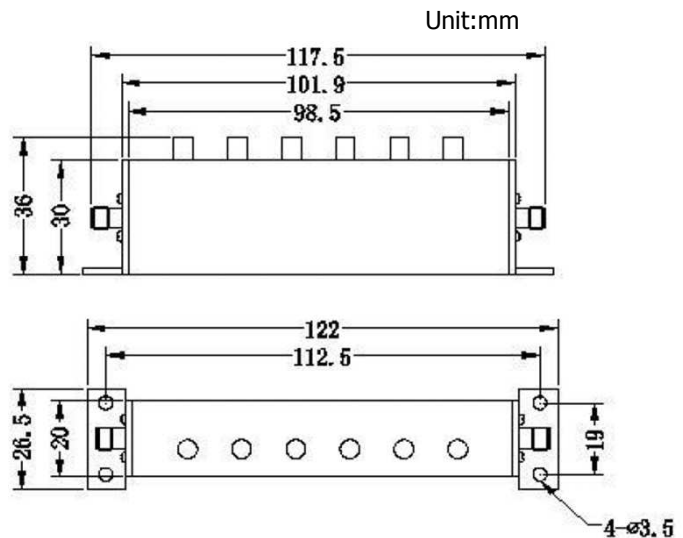
**SPECIFICATION**

Frequency	DC-3GHz
Attenuation Range:	0-35dB(1dB/Step)
Attenuation Step:	1,2,4,8,16,16 dB
Attenuation Accuracy:	±2.0dB
VSWR:	1.3:1(Max.)
Insertion Loss:	2.5dB(Max.)
Power :	2W Avg.
Impedance:	50Ohm
Operating Temp.:	-55~+ 85°C

**MATERIAL LIST**

Part	Material	Plated
Outer Conductor	Brass	Gold
Center Conductor	Brass	Gold
Housing	Aluminum	Gray

**OUTLING DRAWING**



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**3GHZ 0-65DB PUSH BUTTON STEP ATTENUATOR WITH 1DB STEP**

**SMA FEMALE TO SMA FEMALE RATED TO 2W**

**P/NO.STI02-0211**



**SPECIFICATION**

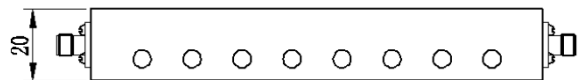
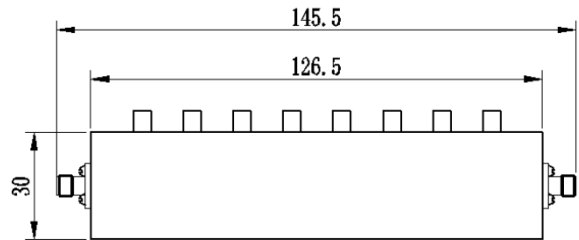
Frequency	DC-3GHz
Attenuation Range:	0-35dB(1dB/Step)
Attenuation Step:	1,2,4,8,10,10,16,16 dB
Attenuation Accuracy:	±3.0dB
VSWR:	1.4:1(Max.)
Insertion Loss:	3.5dB(Max.)
Power :	2W Avg.
Impedance:	50Ohm
Operating Temp.:	-55~+ 85°C

**MATERIAL LIST**

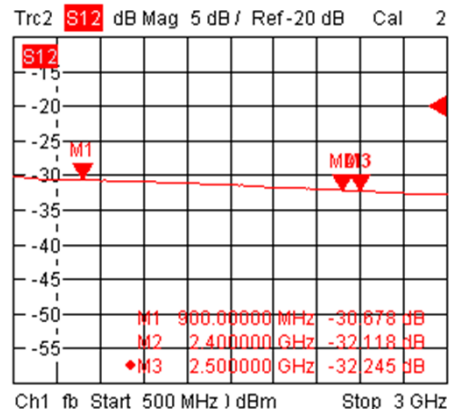
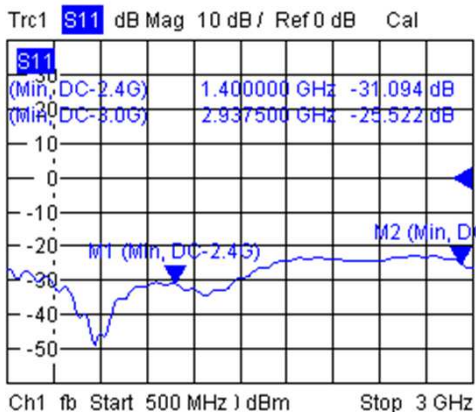
Part	Material	Plated
Outer Conductor	Brass	Gold
Center Conductor	Brass	Gold
Housing	Aluminum	Gray

**OUTLING DRAWING**

Unit:mm



**TESTING DATA ( 100% S-PARAMETER TESTED)**



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**3GHZ 0-90DB PUSH BUTTON STEP ATTENUATOR WITH 10DB STEP**

**SMA FEMALE TO SMA FEMALE RATED TO 2W**

**P/NO.STI02-0212**



**SPECIFICATION**

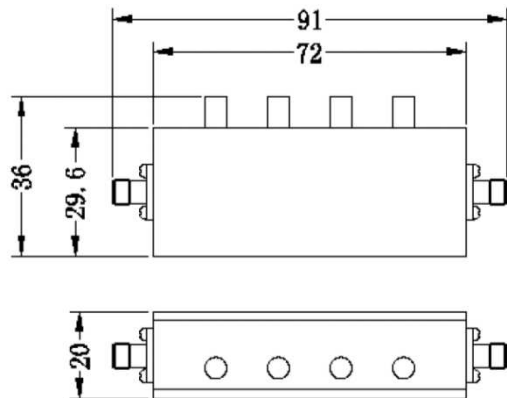
Frequency	DC-3GHz
Attenuation Range:	0-90dB(10dB/Step)
Attenuation Step:	10,20,30,30 dB
Attenuation Accuracy:	±3.0dB
VSWR:	1.35:1(Max.)
Insertion Loss:	3.5dB(Max.)
Power :	2W Avg.
Impedance:	500hm
Operating Temp.:	-55~+ 85°C

**MATERIAL LIST**

Part	Material	Plated
Outer Conductor	Brass	Gold
Center Conductor	Brass	Gold
Housing	Aluminum	Gray

**OUTLING DRAWING**

Unit:mm



**TESTING DATA ( 100% S-PARAMETER TESTED)**



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### 3GHZ 0-100DB PUSH BUTTON STEP ATTENUATOR WITH 1DB STEP

**SMA FEMALE TO SMA FEMALE RATED TO 2W**

**P/NO.STI02-0207**



#### SPECIFICATION

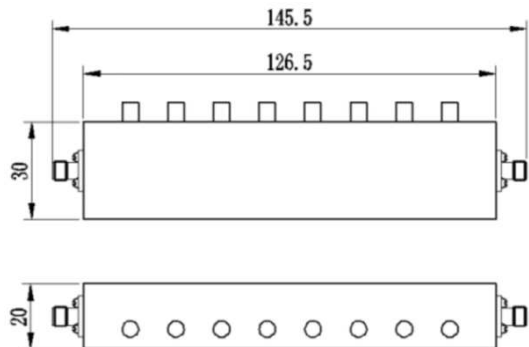
Frequency	DC-3GHz
Attenuation Range:	0-100dB(1dB/Step)
Attenuation Step:	1,2,4,8,16,20,20,30 dB
Attenuation Accuracy:	±3.0dB
VSWR:	1.6:1(Max.)
Insertion Loss:	3.5dB(Max.)
Power :	2W Avg.
Impedance:	50Ohm
Operating Temp.:	-55~+ 85°C

#### MATERIAL LIST

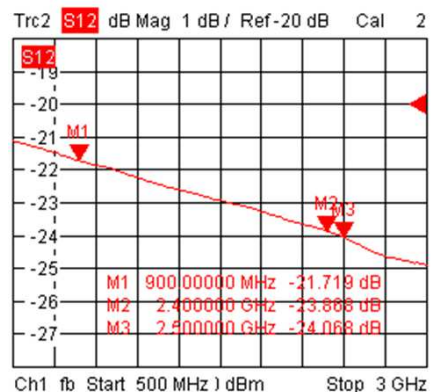
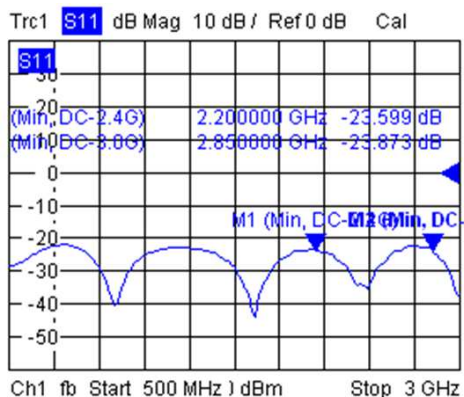
Part	Material	Plated
Outer Conductor	Brass	Gold
Center Conductor	Brass	Gold
Housing	Aluminum	Gray

#### OUTLING DRAWING

Unit:mm



#### TESTING DATA ( 100% S-PARAMETER TESTED)



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**3GHZ 0-110DB PUSH BUTTON STEP ATTENUATOR WITH 1DB STEP**

**SMA FEMALE TO SMA FEMALE RATED TO 2W**

**P/NO.STI02-0209**



**SPECIFICATION**

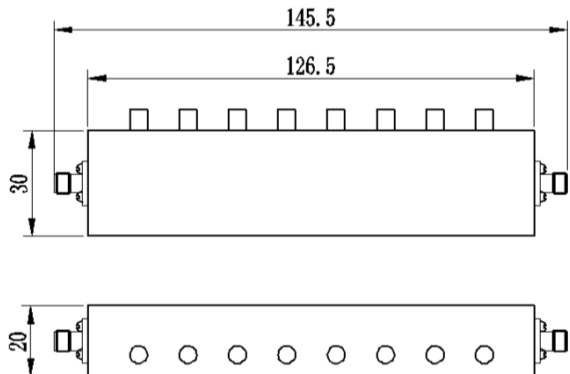
Frequency	DC-3GHz
Attenuation Range:	0-110dB(1dB/Step)
Attenuation Step:	1,2,4,8,16,20,30,30 dB
Attenuation Accuracy:	±3.0dB
VSWR:	1.4:1(Max.)
Insertion Loss:	3.5dB(Max.)
Power :	2W Avg.
Impedance:	50Ohm
Operating Temp.:	-55~+ 85°C

**MATERIAL LIST**

Part	Material	Plated
Outer Conductor	Brass	Gold
Center Conductor	Brass	Gold
Housing	Aluminum	Gray

**OUTLING DRAWING**

Unit:mm



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**5.8GHZ 0-35DB PUSH BUTTON STEP ATTENUATOR WITH 1DB STEP**

**SMA FEMALE TO SMA FEMALE RATED TO 2W**

**P/NO.STI02-0201**



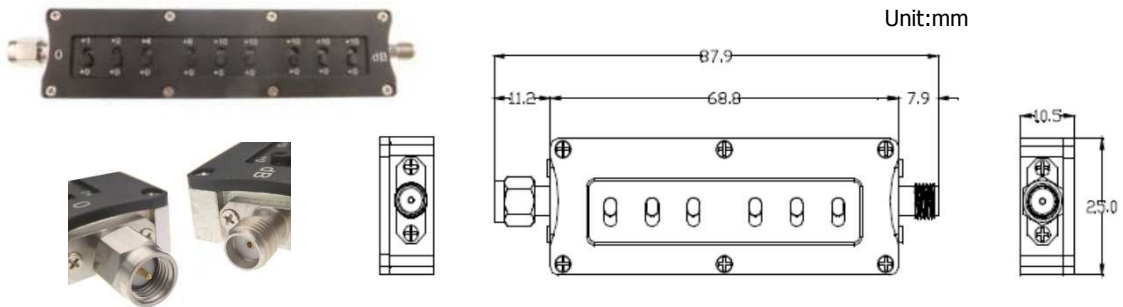
**SPECIFICATION**

Frequency	DC-5.8GHz
Attenuation Range:	0-35dB(1dB/Step)
Attenuation Step:	1,2,4,8,10,10 dB
Attenuation Accuracy:	0~+0.6dB@1GHz 0~+1.5dB@2GHz 0~+2.6dB@3GHz 0~+6.0dB@3-5.8GHz
VSWR:	1.3:1(Typ.)1.5:1(Max.)@DC-4GHz 1.4:1(Typ.)1.85:1(Max.)@4-6GHz
Insertion Loss:	0.5dB(Typ.)@1GHz 0.9dB(Typ.)@2GHz 1.4dB(Typ.)@3GHz 3.0dB(Typ.)@3-5.8GHz
Power :	2W Avg.
Impedance:	50Ohm
Operating Temp.:	-40~+ 85°C
Switch Repeatability:	5000 Cycles per Switch

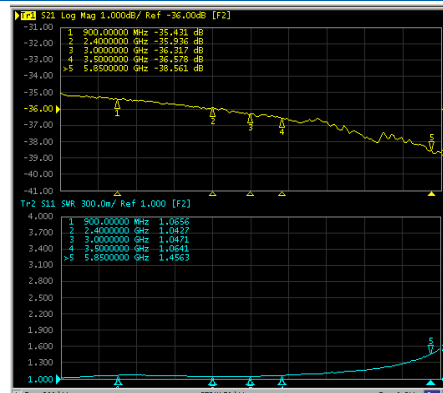
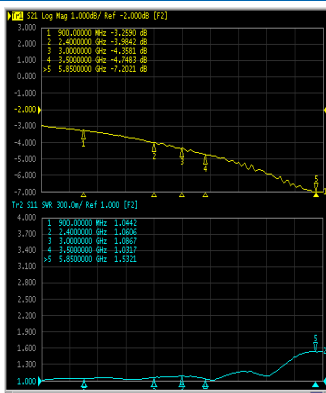
**MATERIAL LIST**

Part	Material	Plated
Outer Conductor	Brass	Gold
Center Conductor	Stainless Steel	
Housing	Aluminum	Black

**OUTLINE DRAWING**



**TESTING DATA ( 100% S-PARAMETER TESTED)**





**5.8GHZ 0-65DB PUSH BUTTON STEP ATTENUATOR WITH 1DB STEP**

**SMA FEMALE TO SMA FEMALE RATED TO 2W**

**P/NO.STI02-0203**



**SPECIFICATION**

Frequency	DC-5.8GHz
Attenuation Range:	0-65dB(1dB/Step)
Attenuation Step:	1,2,4,8,10,10,10,10,10 dB
Attenuation Accuracy:	0~+ 2.2dB@1GHz 0~+ 3.3dB@2GHz 0~+ 3.5dB@3GHz 0~+ 4.0dB@4GHz 0~+ 5.5dB@5GHz 0~+ 8.5dB@5.8GHz
VSWR:	1.3:1(Typ.)1.5:1(Max.)@DC-5GHz 1.35:1(Typ.)1.65:1(Max.)@5-5.8GHz
Insertion Loss:	0.55dB(Typ.)@1GHz 1.3dB(Typ.)@2GHz 2.0dB(Typ.)@3GHz 3.0dB(Typ.)@4GHz 5.0dB(Typ.)@4-5.8GHz
Power :	2W Avg.
Impedance:	50Ohm
Operating Temp.:	-40~+ 85°C
Switch Repeatability:	5000 Cycles per Switch

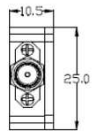
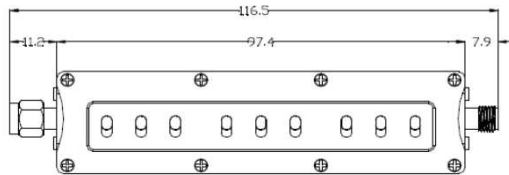
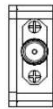
**MATERIAL LIST**

Part	Material	Plated
Outer Conductor	Brass	Gold
Center Conductor	Stainless Steel	
Housing	Aluminum	Black

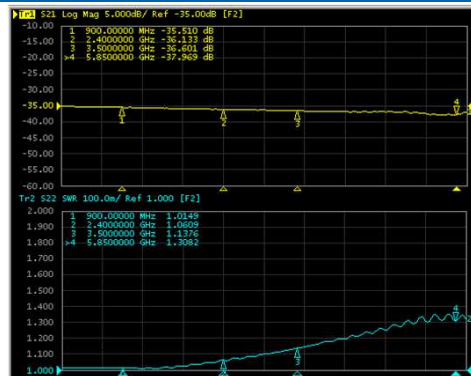
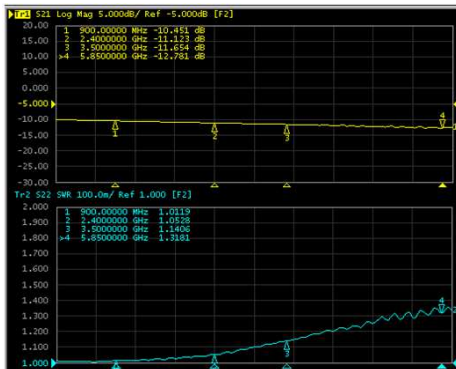
**OUTLING DRAWING**



Unit:mm



**TESTING DATA ( 100% S-PARAMETER TESTED)**



Any more request, please contact sales@solvangtech.com. Thank you ~



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## 3GHZ 0-35DB PUSH BUTTON STEP ATTENUATOR WITH 1DB STEP

### 75OHM F FEMALE TO F FEMALE RATED TO 2W

### P/NO.STI02-0100



#### SPECIFICATION

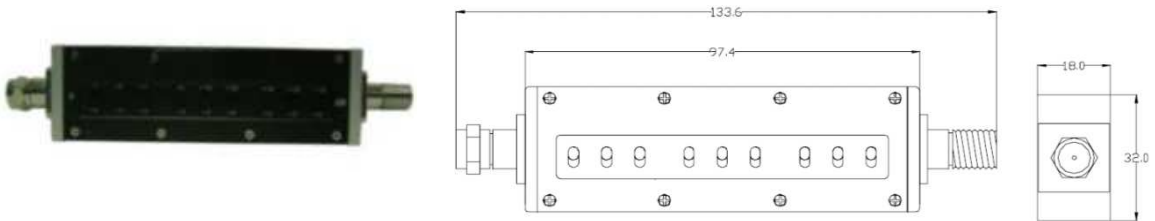
Frequency	DC-3GHz
Attenuation Range:	0-35dB(1dB/Step)
Attenuation Step:	1,2,4,8,10,10 dB
Attenuation Accuracy:	0~+0.6dB@1GHz 0~+1.5dB@2GHz 0~+2.6dB@3GHz
VSWR:	1.25:1(Typ.)1.4:1(Max.)
Insertion Loss:	0.4dB(Typ.)@1GHz 0.8dB(Typ.)@2GHz 1.2dB(Typ.)@3GHz
Power :	2W Avg.
Impedance:	75Ohm
Operating Temp.:	-40~+ 85°C
Switch Repeatability:	5000 Cycles per Switch

#### MATERIAL LIST

Part	Material	Plated
Outer Conductor	Brass	Gold
Center Conductor	Stainless Steel	
Housing	Aluminum	Black

#### OUTLING DRAWING

Unit:mm



Any more request, please contact sales@solvangtech.com. Thank you ~



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## 3GHZ 0-65DB PUSH BUTTON STEP ATTENUATOR WITH 1DB STEP

### 75OHM F FEMALE TO F FEMALE RATED TO 2W

### P/NO.ST102-0101



#### SPECIFICATION

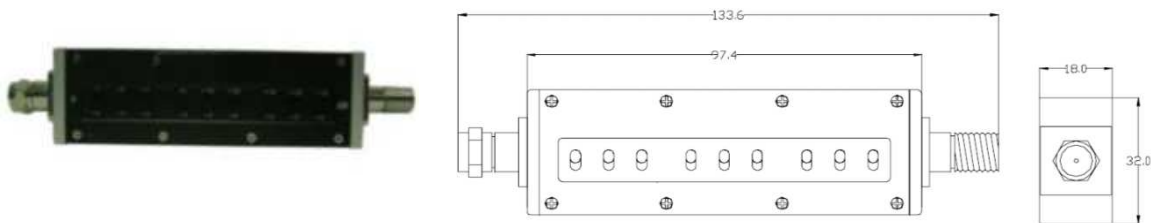
Frequency	DC-3GHz
Attenuation Range:	0-65dB(1dB/Step)
Attenuation Step:	1,2,4,8,10,10,10,10 dB
Attenuation Accuracy:	0~+2.4dB@1GHz 0~+ 3.6dB@2GHz 0~+ 3.8dB@3GHz
VSWR:	1.3:1(Typ.)1.6:1(Max.)
Insertion Loss:	0.7dB(Typ.)@1GHz 1.5dB(Typ.)@2GHz 2.3dB(Typ.)@3GHz
Power :	2W Avg.
Impedance:	75Ohm
Operating Temp.:	-40~+ 85°C
Switch Repeatability:	5000 Cycles per Switch

#### MATERIAL LIST

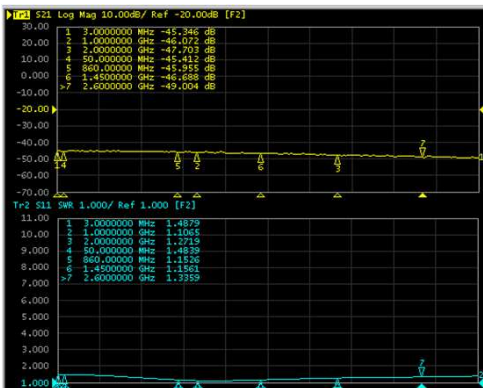
Part	Material	Plated
Outer Conductor	Brass	Gold
Center Conductor	Stainless Steel	
Housing	Aluminum	Black

#### OUTLING DRAWING

Unit:mm



#### TESTING DATA ( 100% S-PARAMETER TESTED)



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