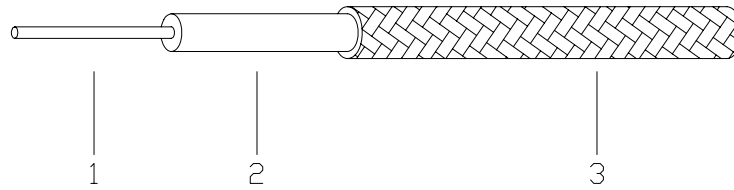


# ANO HF047



## Construction Specification

	Material	Diameter(mm)
1.Inner Conductor	Silver Plated Copper Clad Steel	0.29
2.Dielectric	PTFE	0.94
3.Outer Conductor	Tin Soaked Copper Braid	1.19

## Electrical Characteristics

Capacitance(PF/m)	95
Impedance(ohm)	50
Velocity of Propagation(%)	69.5
Operating Frequency(GHz)	109
Time Delay(ns/m)	4.7
Max.Operating Voltage(kVrms)	1.5
Min.Screening Effectiveness up to 18GHz(dB)	100

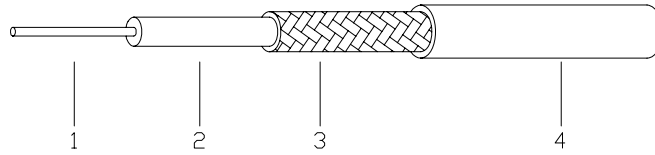
## Mechanical Characteristics

Min.Bending Radius Static(mm)	4
Min.Bending radius Repeated(mm)	20
Operating Temp(°C)	-55 to +125

## Attenuation & Average Power @ 20°C and Seal Level

Frequency(GHz)	Attenuation(dB/100m)	Power(Watts CW)
0.5	79.0	62.2
1.0	112.0	43.7
5.0	258.0	19.1
10.0	373.0	13.3
20.0	544.0	9.2

# ANO HF047 SXE



## Construction Specification

	Material	Diameter(mm)
1.Inner Conductor	Silver Plated Copper Clad Steel	0.29
2.Dielectric	PTFE	0.94
3.Outer Conductor	Tin Soaked Copper Braid	1.19
4.Jacket	FEP	1.60

## Electrical Characteristics

Capacitance(PF/m)	95
Impedance(ohm)	50
Velocity of Propagation(%)	69.5
Operating Frequency(GHz)	109
Time Delay(ns/m)	4.7
Max.Operating Voltage(kVrms)	1.5
Min.Screening Effectiveness up to 18GHz(dB)	100

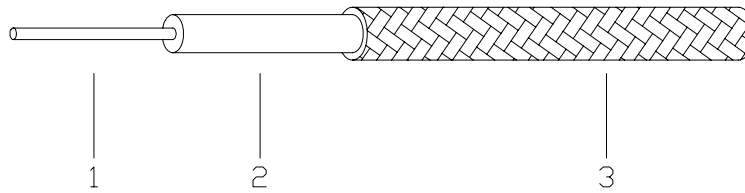
## Mechanical Characteristics

Min.Bending Radius Static(mm)	4
Min.Bending radius Repeated(mm)	20
Operating Temp(°C)	-55 to +125

## Attenuation & Average Power @ 20°C and Seal Level

Frequency(GHz)	Attenuation(dB/100m)	Power(Watts CW)
0.5	79.0	62.2
1.0	112.0	43.7
5.0	258.0	19.1
10.0	373.0	13.3
20.0	544.0	9.2

## ANO HF086



### Construction Specification

	Material	Diameter(mm)
1.Inner Conductor	Silver Plated Copper Clad Steel	0.51
2.Dielectric	PTFE	1.65
3.Outer Conductor	Tin Soaked Copper Braid	2.10

### Electrical Characteristics

Capacitance(PF/m)	95
Impedance(ohm)	50
Velocity of Propagation(%)	69.5
Operating Frequency(GHz)	61
Time Delay(ns/m)	4.7
Max.Operating Voltage(kVrms)	1.5
Min.Screening Effectiveness up to 18GHz(dB)	100

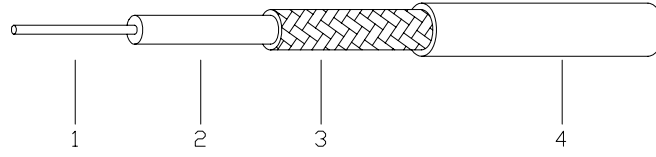
### Mechanical Characteristics

Min.Bending Radius Static(mm)	6
Min.Bending radius Repeated(mm)	20
Operating Temp(°C)	-55 to +125

### Attenuation & Average Power @ 20°C and Seal Leavel

Frequency(GHz)	Attenuation(dB/100m)	Power(Watts CW)
0.5	45.0	173.5
1.0	64.0	121.5
5.0	151.0	52.2
10.0	222.0	35.8
20.0	329.0	24.3

# ANO HF086 SXE



## Construction Specification

	Material	Diameter(mm)
1.Inner Conductor	Silver Plated Copper Clad Steel	0.51
2.Dielectric	PTFE	1.65
3.Outer Conductor	Tin Soaked Copper Braid	2.10
4.Jacket	FEP	2.50

## Electrical Characteristics

Capacitance(PF/m)	95
Impedance(ohm)	50
Velocity of Propagation(%)	69.5
Operating Frequency(GHz)	61
Time Delay(ns/m)	4.7
Max.Operating Voltage(kVrms)	1.5
Min.Screening Effectiveness up to 18GHz(dB)	100

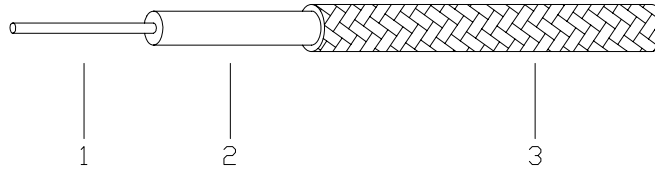
## Mechanical Characteristics

Min.Bending Radius Static(mm)	6
Min.Bending radius Repeated(mm)	20
Operating Temp(°C)	-55 to +125

## Attenuation & Average Power @ 20°C and Seal Level

Frequency(GHz)	Attenuation(dB/100m)	Power(Watts CW)
0.5	45.0	173.5
1.0	64.0	121.5
5.0	151.0	52.2
10.0	222.0	35.8
20.0	329.0	24.3

# ANO HF141



## Construction Specification

	Material	Diameter(mm)
1.Inner Conductor	Silver Plated Copper Clad Steel Silver Plated Copper	0.94
2.Dielectric	PTFE	3.00
3.Outer Conductor	Tin Soaked Copper Braid	3.52

## Electrical Characteristics

Capacitance(PF/m)	95.1
Impedance(ohm)	50
Velocity of Propagation(%)	70
Operating Frequency(GHz)	34
Time Delay(ns/m)	4.7
Max.Operating Voltage(kVrms)	1.9
Min.Screening Effectiveness up to 18GHz(dB)	100

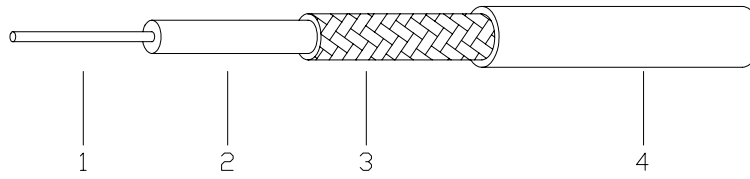
## Mechanical Characteristics

Min.Bending Radius Static(mm)	8
Min.Bending radius Repeated(mm)	40
Operating Temp(°C)	-55 to +125

## Attenuation & Average Power @ 20°C and Seal Level

Frequency(GHz)	Attenuation(dB/100m)	Power(Watts CW)
0.5	26.0	436.5
1.0	39.0	303.4
5.0	92.0	126.7
10.0	138.0	85.5
20.0	210.0	56.6

# ANO HF141 SXE-F



## Construction Specification

	Material	Diameter(mm)
1.Inner Conductor	Silver Plated Copper Clad Steel Silver Plated Copper	0.94
2.Dielectric	PTFE	3.00
3.Outer Conductor	Tin Soaked Copper Braid	3.52
4.Jacket	FEP	4.10

## Electrical Characteristics

Capacitance(PF/m)	95.1
Impedance(ohm)	50
Velocity of Propagation(%)	70
Operating Frequency(GHz)	34
Time Delay(ns/m)	4.7
Max. Operating Voltage(kVrms)	1.9
Min. Screening Effectiveness up to 18GHz(dB)	100

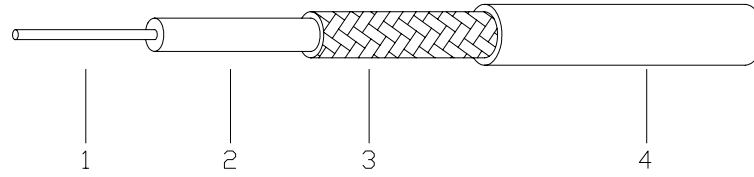
## Mechanical Characteristics

Min.Bending Radius Static(mm)	8
Min.Bending radius Repeated(mm)	40
Operating Temp.(°C)	-55 to +125

## Attenuation & Average Power @ 20°C and Seal Level

Frequency(GHz)	Attenuation(dB/100m)	Power(Watts CW)
0.5	26.0	436.5
1.0	39.0	303.4
5.0	92.0	126.7
10.0	138.0	85.5
20.0	210.0	56.6

# ANO HF141 SXE-P



## Construction Specification

	Material	Diameter(mm)
1.Inner Conductor	Silver Plated Copper Clad Steel Silver Plated Copper	0.94
2.Dielectric	PTFE	3.00
3.Outer Conductor	Tin Soaked Copper Braid	3.52
4.Jacket	Gray PVC	4.80

## Electrical Characteristics

Capacitance(PF/m)	95.1
Impedance(ohm)	50
Velocity of Propagation(%)	70
Operating Frequency(GHz)	34
Time Delay(ns/m)	4.7
Max. Operating Voltage(kVrms)	1.9
Min. Screening Effectiveness up to 18GHz(dB)	100

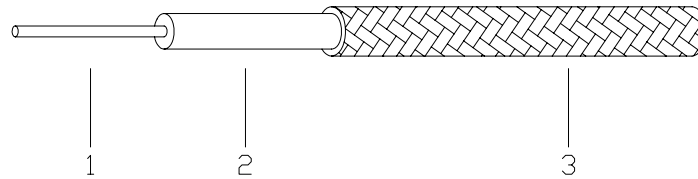
## Mechanical Characteristics

Min.Bending Radius Static(mm)	8
Min.Bending radius Repeated(mm)	40
Operating Temp.(°C)	-55 to +125

## Attenuation & Average Power @ 20°C and Seal Level

Frequency(GHz)	Attenuation(dB/100m)	Power(Watts CW)
0.5	26.0	436.5
1.0	39.0	303.4
5.0	92.0	126.7
10.0	138.0	85.5
20.0	210.0	56.6

## ANO HF250



### Construction Specification

	Material	Diameter(mm)
1.Inner Conductor	Silver Plated Copper	1.63
2.Dielectric	PTFE	5.27
3.Outer Conductor	Tin Soaked Copper Braid	6.10

### Electrical Characteristics

Capacitance(PF/m)	95
Impedance(ohm)	50
Velocity of Propagation(%)	69.5
Operating Frequency(GHz)	18
Time Delay(ns/m)	4.7
Max.Operating Voltage(kVrms)	3.5
Min.Screening Effectiveness up to 18GHz(dB)	100

### Mechanical Characteristics

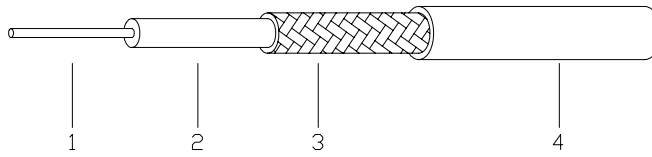
Min.Bending Radius Static(mm)	30
Min.Bending radius Repeated(mm)	120
Operating Temp(°C)	-55 to +125

### Attenuation & Average Power @ 20°C and Seal Level

Frequency(GHz)	Attenuation(dB/100m)
0.5	17.0
1.0	25.0
5.0	63.0
10.0	98.0
18.0	145.0



## ANO HF250 SXE



### Construction Specification

	Material	Diameter(mm)
1.Inner Conductor	Silver Plated Copper	1.63
2.Dielectric	PTFE	5.27
3.Outer Conductor	Tin Soaked Copper Braid	6.10
4.Jacket	FEP	7.00

### Electrical Characteristics

Capacitance(PF/m)	95
Impedance(ohm)	50
Velocity of Propagation(%)	69.5
Operating Frequency(GHz)	18
Time Delay(ns/m)	4.7
Max.Operating Voltage(kVrms)	3.5
Min.Screening Effectiveness up to 18GHz(dB)	100

### Mechanical Characteristics

Min.Bending Radius Static(mm)	30
Min.Bending radius Repeated(mm)	120
Operating Temp(°C)	-55 to +125

### Attenuation & Average Power @ 20°C and Seal Leavel

Frequency(GHz)	Attenuation(dB/100m)
0.5	17.0
1.0	25.0
5.0	63.0
10.0	98.0
18.0	145.0