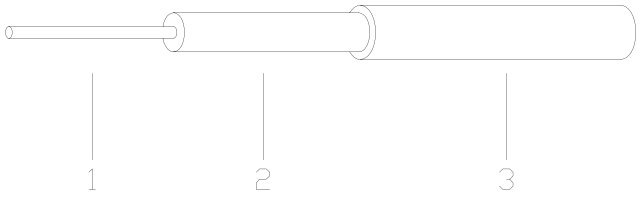
SR 047 Cable



☑ RoHS

Construction Specification		
	Material	Diameter(mm)
1.Inner Conductor	Silver Plated Copper Clad Steel	0.29
2.Dielectric	PTFE	0.94
3.Outer Conductor	①Copper Tube ②Tin plated Copper Tube ③Silver Plated Copper Tube	1.19

Electrical Characteristics	
Capacitance(PF/m)	95.1
Impedance(ohm)	50
Corona Extinction Voltage(VRMS@60Hz)	1000
Voltage Withstanding (VRMS@60Hz)	2000
Moding Frequency(GHz)	109

Mechanical Characteristics	
Min.Inside Bend Radius(mm)	4.20
Outer Conductor Integrity Temp.(℃)	175
Operating Temp.(℃)	-55 to +125

Attenuation & Average Power @ 20℃ and Sea Level		
Frequency(GHz)	Attenuation (dB/100m)	Power(①/②/③) (Watts CW)
0.5	79.0	80.5/67.4/62.2
1.0	113.0	56.6/47.4/43.7
5.0	259.0	24.7/20.7/19.1
10.0	374.0	17.2/14.4/13.3
20.0	544.0	11.9/9.9/9.2

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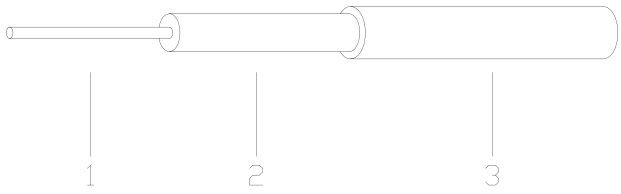
SR 086 Cable



RoHS

Construction Specification		
	Material	Diameter(mm)
1.Inner Conductor	Silver Plated Copper Clad Steel Silver Plated Copper	0.51
2.Dielectric	PTFE	1.68
3.Outer Conductor	①Copper Tube ②Tin plated Copper Tube ③Silver Plated Copper Tube	2.15

Electrical Characteristics	
Capacitance(PF/m)	95.1
Impedance(ohm)	50
Corona Extinction Voltage(VRMS@60Hz)	1500
Voltage Withstanding (VRMS@60Hz)	5000
Moding Frequency(GHz)	61

Mechanical Characteristics	
Min.Inside Bend Radius(mm)	7.63
Outer Conductor Integrity Temp.(℃)	175
Operating Temp.(℃)	-55 to +125

Attenuation & Average Power @ 20℃ and Sea Level		
Frequency(GHz)	Attenuation (dB/100m)	Power(①/②/③) (Watts CW)
0.5	45.0	232.0/190.3/173.5
1.0	64.0	162.4/133.2/121.5
5.0	151.0	69.8/57.2/52.2
10.0	222.0	47.9/39.3/35.8
20.0	329.0	32.6/26.7/24.3

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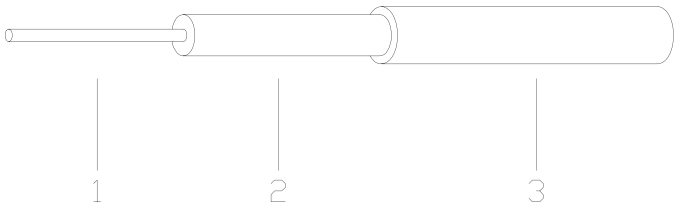
SR 086-AL Cable



RoHS

Construction Specification		
	Material	Diameter(mm)
1.Inner Conductor	Silver Plated Copper Clad Steel	0.51
2.Dielectric	PTFE	1.68
3.Outer Conductor	Tin plated Aluminum Tube	2.15

Electrical Characteristics	
Capacitance(PF/m)	95.1
Impedance(ohm)	50
Corona Extinction Voltage(VRMS@60Hz)	1500
Voltage Withstanding (VRMS@60Hz)	5000
Moding Frequency(GHz)	61

Mechanical Characteristics	
Min.Inside Bend Radius(mm)	7.63
Outer Conductor Integrity Temp.(℃)	N/A
Operating Temp.(℃)	-55 to +125

Attenuation & Average Power @ 20℃ and Sea 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

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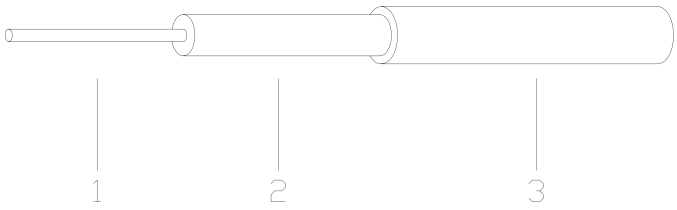
SR 141 Cable



RoHS

Construction Specification		
	Material	Diameter(mm)
1.Inner Conductor	Silver Plated Copper Clad Steel Silver Plated Copper	0.93
2.Dielectric	PTFE	3.00
3.Outer Conductor	①Copper Tube ②Tin plated Copper Tube ③Silver Plated Copper Tube	3.58

Electrical Characteristics	
Capacitance(PF/m)	95.1
Impedance(ohm)	50
Corona Extinction Voltage(VRMS@60Hz)	1900
Voltage Withstanding (VRMS@60Hz)	5000
Moding Frequency(GHz)	34

Mechanical Characteristics	
Min.Inside Bend Radius(mm)	12.5
Outer Conductor Integrity Temp.(℃)	175
Operating Temp.(℃)	-55 to +125

Attenuation & Average Power @ 20℃ and Sea Level		
Frequency(GHz)	Attenuation (dB/100m)	Power(①/②/③) (Watts CW)
0.5	26.0	600.5/483.5/436.5
1.0	38.0	417.5/336.2/303.4
5.0	91.0	174.4/140.4/126.7
10.0	137.0	117.5/94.6/85.5
20.0	209.0	77.9/62.7/56.6

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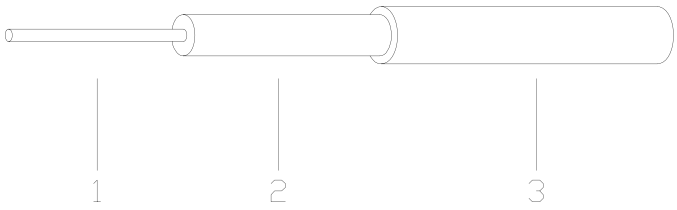
SR 141-AL Cable



RoHS

Construction Specification		
	Material	Diameter(mm)
1.Inner Conductor	Silver Plated Copper Clad Steel	0.51
2.Dielectric	PTFE	1.68
3.Outer Conductor	Tin plated Aluminum Tube	2.15

Electrical Characteristics	
Capacitance(PF/m)	95.1
Impedance(ohm)	50
Corona Extinction Voltage(VRMS@60Hz)	1500
Voltage Withstanding (VRMS@60Hz)	5000
Moding Frequency(GHz)	61

Mechanical Characteristics	
Min.Inside Bend Radius(mm)	7.63
Outer Conductor Integrity Temp.(℃)	N/A
Operating Temp.(℃)	-55 to +125

Attenuation & Average Power @ 20℃ and Sea 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

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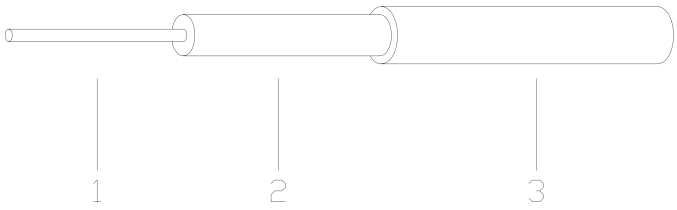
SR 250 Cable



RoHS

Construction Specification		
	Material	Diameter(mm)
1.Inner Conductor	Silver Plated Copper	1.63
2.Dielectric	PTFE	5.31
3.Outer Conductor	①Copper Tube ②Tin Plated Copper Tube ③Silver Plated Copper Tube	6.35

Electrical Characteristics	
Capacitance(PF/m)	95.1
Impedance(ohm)	50
Corona Extinction Voltage(VRMS@60Hz)	3000
Voltage Withstanding (VRMS@60Hz)	7500
Moding Frequency(GHz)	19

Mechanical Characteristics	
Min.Inside Bend Radius(mm)	22.23
Outer Conductor Integrity Temp.(℃)	175
Operating Temp.(℃)	-55 to +125

Attenuation & Average Power @ 20℃ and Sea Level		
Frequency(GHz)	Attenuation (dB/100m)	Power(①/②/③) (Watts CW)
0.5	16.0	1332.1/1061.2/951.6
1.0	23.0	914.6/728.4/653.1
5.0	58.0	364.4/290.0/259.9
10.0	89.0	238.2/189.5/169.8

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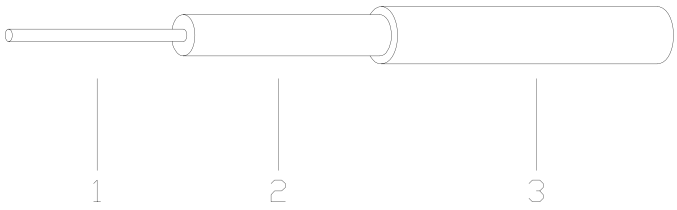

RoHS

Construction Specification		
	Material	Diameter(mm)
1.Inner Conductor	Silver Plated Copper	1.63
2.Dielectric	PTFE	5.31
3.Outer Conductor	Tin plated Aluminum Tube	6.35

Electrical Characteristics	
Capacitance(PF/m)	95.1
Impedance(ohm)	50
Corona Extinction Voltage(VRMS@60Hz)	3000
Voltage Withstanding (VRMS@60Hz)	7500
Moding Frequency(GHz)	19

Mechanical Characteristics	
Min.Inside Bend Radius(mm)	22.23
Outer Conductor Integrity Temp.(℃)	N/A
Operating Temp.(℃)	-55 to +125

Attenuation & Average Power @ 20℃ and Sea Level		
Frequency(GHz)	Attenuation (dB/100m)	Power (Watts CW)
0.5	16.0	962.1
1.0	24.0	661.7
5.0	61.0	265.3
10.0	94.0	174.1

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