Copper-Jacketed Semi-rigid coaxial cable

Product Catalogue

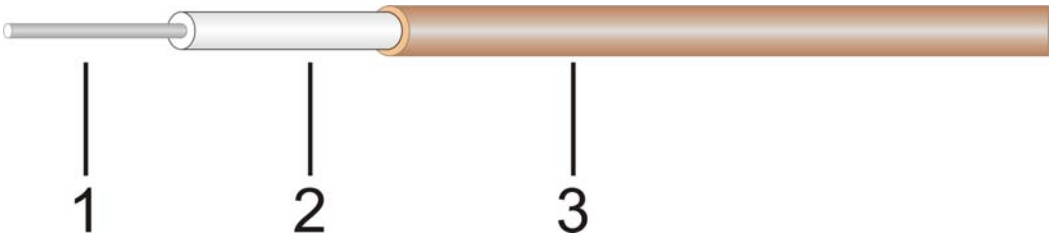
0.034 in – 0.86 mm Outer Diameter	
Bing 034	Bing 034/TP
Bing 034/SP	
0.047 in – 1.19 mm Outer Diameter	
Bing 047/M17	Bing 047/TP/M17
Bing 047/SP/M17	
0.0865 in – 2.20 mm Outer Diameter	
Bing 086/M17	Bing 086/TP/M17
Bing 086/SP/M17	Bing 086-25
Bing 086-75	Bing 086-75/TP
Bing 086-75/SP	
0.090 in – 2.29 mm Outer Diameter	
Bing 090-25	Bing 090-25/TP
0.141 in – 3.58 mm Outer Diameter	
Bing 141	Bing 141/TP
Bing 141/SP	Bing 141-25
Bing 141-35	Bing 141-75
Bing 141-75/TP	Bing 141-75/SP
0.250 in – 6.35 mm Outer Diameter	
Bing 250	Bing 250/TP
Bing 250/SP	Bing 250-75
Bing 250-75/TP	Bing 250-75/SP

Bing Cable
www.shbing.com

Bing Wire & Cable Co., Ltd.

Shanghai, China

Bing 034



This specification covers the requirement for Bing 034, semi-rigid coaxial cable: .034 inch diameter 50 ohm with silver-coated copper-clad steel center conductor, solid PTFE insulation and seamless bare copper outer conductor.

STRUCTURE SPECIFICATION

	Material	Diameter(mm)
1. Inner Conductor	Silver Plated copper Clad Steel	0.20
2. Insulation	PTFE	0.66
3. Outer Conductor	Seamless Bare Copper Tube	0.86

ELECTRICAL PROPERTIES

Capacitance(pF/m)	95
Impedance(ohm)	50
Corona Extinction Voltage(VRMS @ 60Hz)	0.75
Voltage Withstanding(VRMS @ 60Hz)	2.00
Moding Frequency(GHz)	155

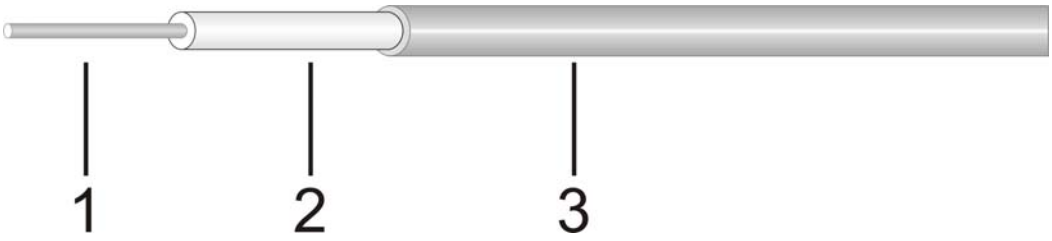
MECHANICAL PROPERTIES

Minimum Inside Bend Radius(mm)	3.00
Outer Conductor Integrity Temperature(℃)	175
Operating Temperature Range(℃)	-55～+125

ATTENUATION & AVERAGE POWER(20℃ & SEA LEVEL)

Frequency(GHz)	Max. Attenuation(dB/m)	Power (watts)
0.5	1.12	35.7
1.0	1.59	25.2
5.0	3.62	11.1
10.0	5.20	7.7
20.0	7.52	5.4

Bing 034/TP



This specification covers the requirement for Bing 034/TP, semi-rigid coaxial cable: .034 inch diameter 50 ohm with silver-coated copper-clad steel center conductor, solid PTFE insulation and tin plated seamless copper outer conductor.

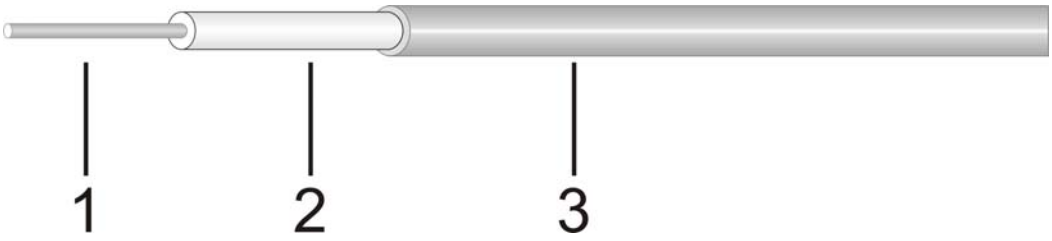
STRUCTURE SPECIFICATION		
	Material	Diameter(mm)
1. Inner Conductor	Silver Plated copper Clad Steel	0.20
2. Insulation	PTFE	0.66
3. Outer Conductor	Seamless Copper Tube, Tin Plated	0.86

ELECTRICAL PROPERTIES	
Capacitance(pF/m)	95
Impedance(ohm)	50
Corona Extinction Voltage(VRMS @ 60Hz)	0.75
Voltage Withstanding(VRMS @ 60Hz)	2.00
Moding Frequency(GHz)	155

MECHANICAL PROPERTIES	
Minimum Inside Bend Radius(mm)	3.00
Outer Conductor Integrity Temperature(℃)	175
Operating Temperature Range(℃)	-55～+125

ATTENUATION & AVERAGE POWER(20℃ & SEA LEVEL)		
Frequency(GHz)	Max. Attenuation(dB/m)	Power (watts)
0.5	1.12	30.5
1.0	1.59	21.5
5.0	3.62	9.5
10.0	5.20	6.6
20.0	7.52	4.6

Bing 034/SP



This specification covers the requirement for Bing 034/SP, semi-rigid coaxial cable: .034 inch diameter 50 ohm with silver-coated copper-clad steel center conductor, solid PTFE insulation and silver plated seamless copper outer conductor.

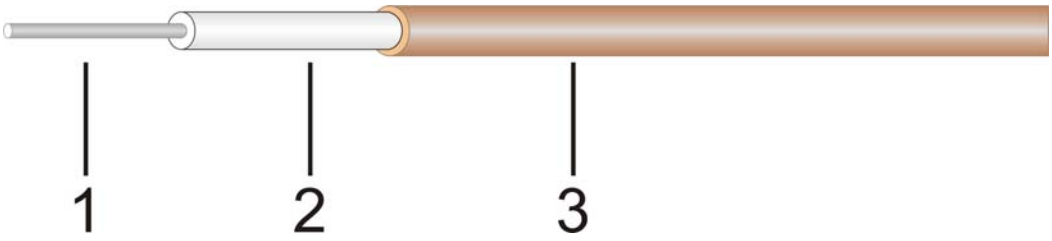
STRUCTURE SPECIFICATION		
	Material	Diameter(mm)
1. Inner Conductor	Silver Plated copper Clad Steel	0.20
2. Insulation	PTFE	0.66
3. Outer Conductor	Seamless Copper Tube, Tin Plated	0.86

ELECTRICAL PROPERTIES	
Capacitance(pF/m)	95
Impedance(ohm)	50
Corona Extinction Voltage(VRMS @ 60Hz)	0.75
Voltage Withstanding(VRMS @ 60Hz)	2.00
Moding Frequency(GHz)	155

MECHANICAL PROPERTIES	
Minimum Inside Bend Radius(mm)	3.00
Outer Conductor Integrity Temperature(℃)	175
Operating Temperature Range(℃)	-55～+125

ATTENUATION & AVERAGE POWER(20℃ & SEA LEVEL)		
Frequency(GHz)	Max. Attenuation(dB/m)	Power (watts)
0.5	1.12	28.5
1.0	1.59	20.0
5.0	3.62	8.8
10.0	5.20	6.2
20.0	7.52	4.3

Bing 047/M17



This specification covers the requirement for Bing 047/M17, semi-rigid coaxial cable: .047 inch diameter 50 ohm with silver-coated copper-clad steel center conductor, solid PTFE insulation and seamless bare copper outer conductor.

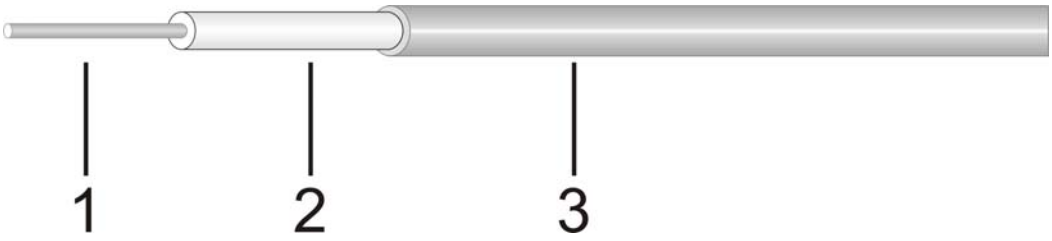
STRUCTURE SPECIFICATION		
	Material	Diameter(mm)
1. Inner Conductor	Silver Plated copper Clad Steel	0.28
2. Insulation	PTFE	0.92
3. Outer Conductor	Seamless Bare Copper Tube	1.20

ELECTRICAL PROPERTIES	
Capacitance(pF/m)	95.1
Impedance(ohm)	50
Corona Extinction Voltage(VRMS @ 60Hz)	1.00
Voltage Withstanding(VRMS @ 60Hz)	2.00
Moding Frequency(GHz)	109

MECHANICAL PROPERTIES	
Minimum Inside Bend Radius(mm)	4.20
Outer Conductor Integrity Temperature(℃)	175
Operating Temperature Range(℃)	-55～+125

ATTENUATION & AVERAGE POWER(20℃ & SEA LEVEL)		
Frequency(GHz)	Max. Attenuation(dB/m)	Power (watts)
0.5	0.79	80.5
1.0	1.13	56.5
5.0	2.59	24.7
10.0	3.74	17.2
20.0	5.44	11.9

Bing 047/TP/M17



This specification covers the requirement for Bing 047/TP/M17, semi-rigid coaxial cable: .047 inch diameter 50 ohm with silver-coated copper-clad steel center conductor, solid PTFE insulation and tin plated seamless copper outer conductor.

STRUCTURE SPECIFICATION

	Material	Diameter(mm)
1. Inner Conductor	Silver Plated copper Clad Steel	0.28
2. Insulation	PTFE	0.92
3. Outer Conductor	Seamless Copper Tube, Tin Plated	1.20

ELECTRICAL PROPERTIES

Capacitance(pF/m)	95.1
Impedance(ohm)	50
Corona Extinction Voltage(VRMS @ 60Hz)	1.00
Voltage Withstanding(VRMS @ 60Hz)	2.00
Moding Frequency(GHz)	109

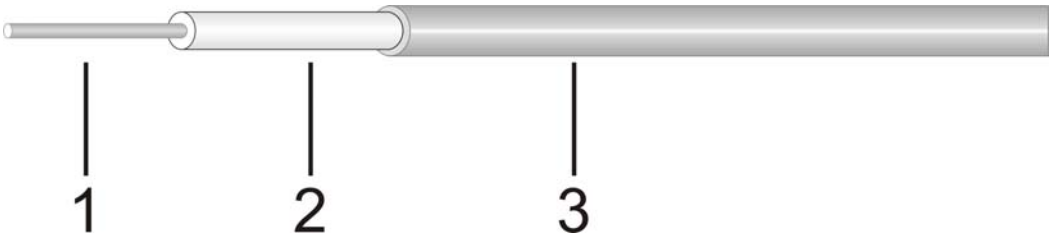
MECHANICAL PROPERTIES

Minimum Inside Bend Radius(mm)	4.20
Outer Conductor Integrity Temperature(℃)	175
Operating Temperature Range(℃)	-55～+125

ATTENUATION & AVERAGE POWER(20℃ & SEA LEVEL)

Frequency(GHz)	Max. Attenuation(dB/m)	Power (watts)
0.5	0.79	67.4
1.0	1.13	47.4
5.0	2.59	20.7
10.0	3.74	14.4
20.0	5.44	9.9

Bing 047/SP/M17



This specification covers the requirement for Bing 047/SP/M17, semi-rigid coaxial cable: .047 inch diameter 50 ohm with silver-coated copper-clad steel center conductor, solid PTFE insulation and silver plated seamless copper outer conductor.

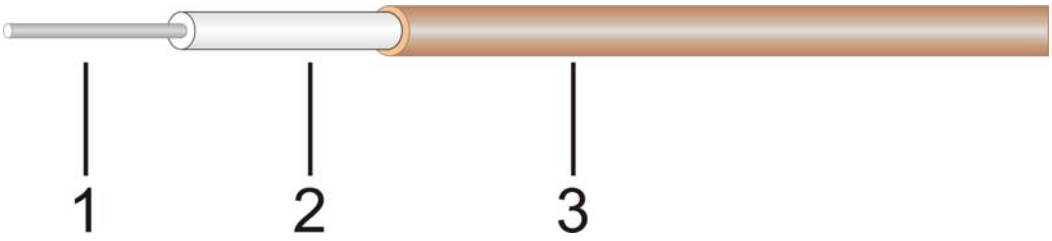
STRUCTURE SPECIFICATION		
	Material	Diameter(mm)
1. Inner Conductor	Silver Plated copper Clad Steel	0.28
2. Insulation	PTFE	0.92
3. Outer Conductor	Seamless Copper Tube, Silver Plated	1.20

ELECTRICAL PROPERTIES	
Capacitance(pF/m)	95.1
Impedance(ohm)	50
Corona Extinction Voltage(VRMS @ 60Hz)	1.00
Voltage Withstanding(VRMS @ 60Hz)	2.00
Moding Frequency(GHz)	109

MECHANICAL PROPERTIES	
Minimum Inside Bend Radius(mm)	4.20
Outer Conductor Integrity Temperature(℃)	175
Operating Temperature Range(℃)	-55～+125

ATTENUATION & AVERAGE POWER(20℃ & SEA LEVEL)		
Frequency(GHz)	Max. Attenuation(dB/m)	Power(watts)
0.5	0.79	62.2
1.0	1.13	43.7
5.0	2.59	19.1
10.0	3.74	13.3
20.0	5.44	9.2

Bing 086/M17



This specification covers the requirement for Bing 086/M17, semi-rigid coaxial cable: .086 inch diameter 50 ohm with silver-coated copper-clad steel center conductor, solid PTFE insulation and seamless bare copper outer conductor.

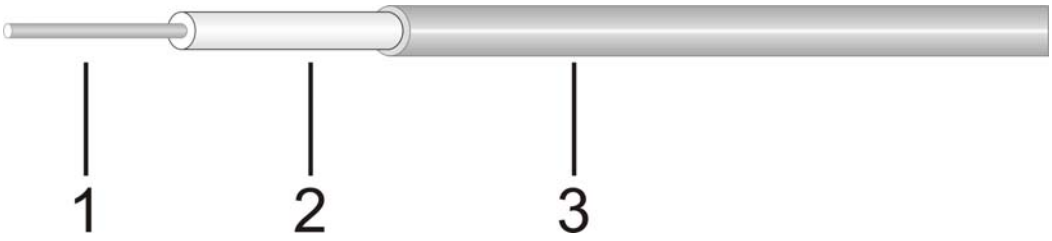
STRUCTURE SPECIFICATION		
	Material	Diameter(mm)
1. Inner Conductor	Silver Plated Copper Clad Steel	0.51
2. Insulation	PTFE	1.67
3. Outer Conductor	Seamless Bare Copper Tube	2.20

ELECTRICAL PROPERTIES	
Capacitance(pF/m)	95.1
Impedance(ohm)	50
Corona Extinction Voltage(VRMS @ 60Hz)	1.50
Voltage Withstanding(VRMS @ 60Hz)	5.00
Moding Frequency(GHz)	61

MECHANICAL PROPERTIES	
Minimum Inside Bend Radius(mm)	7.63
Outer Conductor Integrity Temperature(℃)	175
Operating Temperature Range(℃)	-55～+125

ATTENUATION & AVERAGE POWER(20℃ & SEA LEVEL)		
Frequency(GHz)	Max. Attenuation(dB/m)	Power (watts)
0.5	0.45	232.0
1.0	0.64	162.4
5.0	1.51	69.8
10.0	2.22	47.9
20.0	3.29	32.6

Bing 086/TP/M17



This specification covers the requirement for Bing 086/TP/M17, semi-rigid coaxial cable: .086 inch diameter 50 ohm with silver-coated copper-clad steel center conductor, solid PTFE insulation and tin plated seamless copper outer conductor.

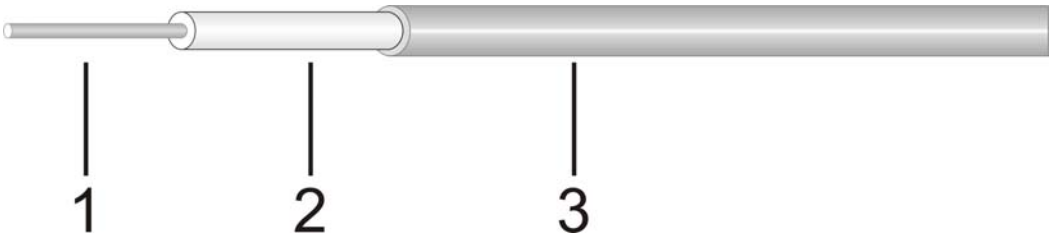
STRUCTURE SPECIFICATION		
	Material	Diameter(mm)
1. Inner Conductor	Silver Plated Copper Clad Steel	0.51
2. Insulation	PTFE	1.67
3. Outer Conductor	Seamless Copper Tube, Tin Plated	2.20

ELECTRICAL PROPERTIES	
Capacitance(pF/m)	95.1
Impedance(ohm)	50
Corona Extinction Voltage(VRMS @ 60Hz)	1.50
Voltage Withstanding(VRMS @ 60Hz)	5.00
Moding Frequency(GHz)	61

MECHANICAL PROPERTIES	
Minimum Inside Bend Radius(mm)	7.63
Outer Conductor Integrity Temperature(℃)	175
Operating Temperature Range(℃)	-55～+125

ATTENUATION & AVERAGE POWER(20℃ & SEA LEVEL)		
Frequency(GHz)	Max. Attenuation(dB/m)	Power (watts)
0.5	0.45	190.3
1.0	0.64	133.2
5.0	1.51	57.2
10.0	2.22	39.3
20.0	3.29	26.7

Bing 086/SP/M17



This specification covers the requirement for Bing 086/SP/M17, semi-rigid coaxial cable: .086 inch diameter 50 ohm with silver-coated copper-clad steel center conductor, solid PTFE insulation and silver plated seamless copper outer conductor.

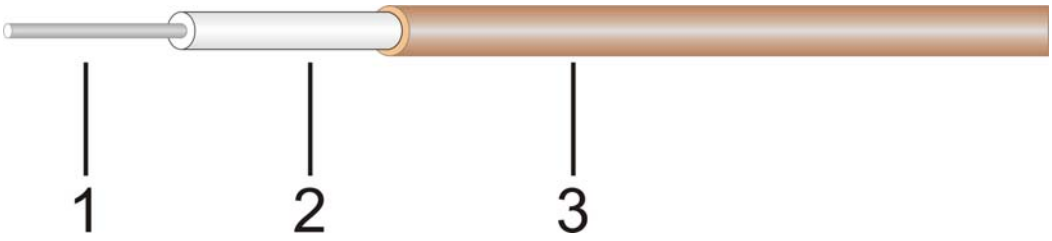
STRUCTURE SPECIFICATION		
	Material	Diameter(mm)
1. Inner Conductor	Silver Plated Copper Clad Steel	0.51
2. Insulation	PTFE	1.67
3. Outer Conductor	Seamless Copper Tube, Silver Plated	2.20

ELECTRICAL PROPERTIES	
Capacitance(pF/m)	95.1
Impedance(ohm)	50
Corona Extinction Voltage(VRMS @ 60Hz)	1.50
Voltage Withstanding(VRMS @ 60Hz)	5.00
Moding Frequency(GHz)	61

MECHANICAL PROPERTIES	
Minimum Inside Bend Radius(mm)	7.63
Outer Conductor Integrity Temperature(℃)	175
Operating Temperature Range(℃)	-55～+125

ATTENUATION & AVERAGE POWER(20℃ & SEA LEVEL)		
Frequency(GHz)	Max. Attenuation(dB/m)	Power (watts)
0.5	0.45	173.5
1.0	0.64	121.5
5.0	1.51	52.2
10.0	2.22	35.8
20.0	3.29	24.3

Bing 086-25



This specification covers the requirement for Bing 086-25, semi-rigid coaxial cable: .086 inch diameter 25 ohm with silver-coated copper center conductor, solid PTFE insulation and seamless bare copper outer conductor.

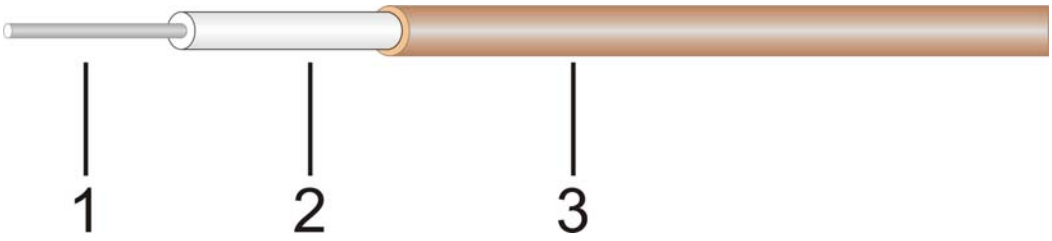
STRUCTURE SPECIFICATION		
	Material	Diameter(mm)
1. Inner Conductor	Silver Plated copper	0.92
2. Insulation	PTFE	1.68
3. Outer Conductor	Seamless Bare Copper Tube	2.20

ELECTRICAL PROPERTIES	
Capacitance(pF/m)	189.6
Impedance(ohm)	25
Corona Extinction Voltage(VRMS @ 60Hz)	0.75
Voltage Withstanding(VRMS @ 60Hz)	1.00
Moding Frequency(GHz)	50

MECHANICAL PROPERTIES	
Minimum Inside Bend Radius(mm)	7.63
Outer Conductor Integrity Temperature(℃)	175
Operating Temperature Range(℃)	-55～+125

ATTENUATION & AVERAGE POWER(20℃ & SEA LEVEL)		
Frequency(GHz)	Max. Attenuation(dB/m)	Power (watts)
0.5	0.59	195
1.0	0.84	128
5.0	1.97	55.6
10.0	2.87	36.5
20.0	4.23	25.3

Bing 086-75



This specification covers the requirement for Bing 086-75, semi-rigid coaxial cable: .086 inch diameter 75 ohm with silver-coated copper-clad steel center conductor, solid PTFE insulation and seamless bare copper outer conductor.

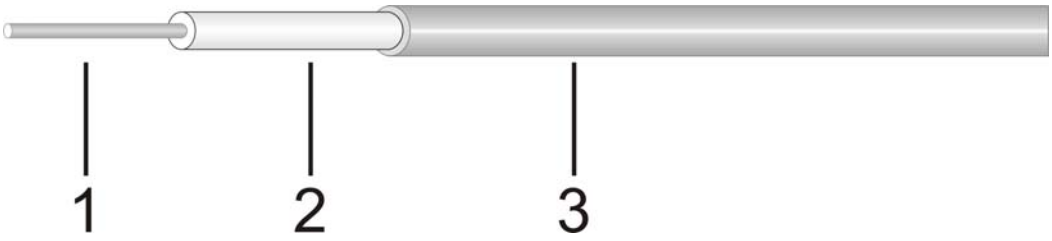
STRUCTURE SPECIFICATION		
	Material	Diameter(mm)
1. Inner Conductor	Silver Plated copper Clad Steel	0.30
2. Insulation	PTFE	1.68
3. Outer Conductor	Seamless Bare Copper Tube	2.20

ELECTRICAL PROPERTIES	
Capacitance(pF/m)	63
Impedance(ohm)	75
Corona Extinction Voltage(VRMS @ 60Hz)	1.20
Voltage Withstanding(VRMS @ 60Hz)	2.50
Moding Frequency(GHz)	67

MECHANICAL PROPERTIES	
Minimum Inside Bend Radius(mm)	7.63
Outer Conductor Integrity Temperature(℃)	175
Operating Temperature Range(℃)	-55～+125

ATTENUATION & AVERAGE POWER(20℃ & SEA LEVEL)		
Frequency(GHz)	Max. Attenuation(dB/m)	Power (watts)
0.5	0.48	173.3
1.0	0.68	121.4
5.0	1.60	52.2
10.0	2.34	35.9
20.0	3.47	24.4

Bing 086-75/TP



This specification covers the requirement for Bing 086-75/TP, semi-rigid coaxial cable: .086 inch diameter 75 ohm with silver-coated copper-clad steel center conductor, solid PTFE insulation and tin plated seamless copper outer conductor.

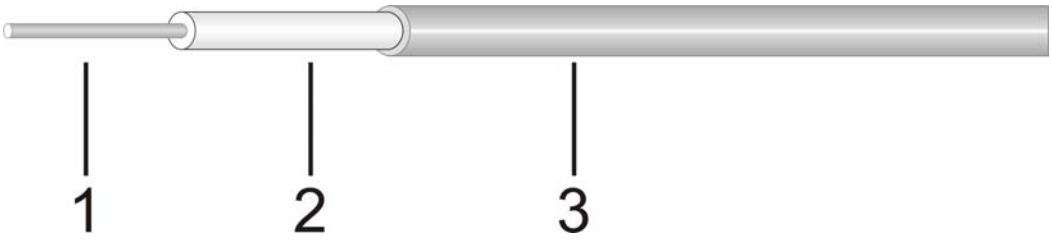
STRUCTURE SPECIFICATION		
	Material	Diameter(mm)
1. Inner Conductor	Silver Plated copper Clad Steel	0.30
2. Insulation	PTFE	1.68
3. Outer Conductor	Seamless Copper Tube, Tin Plated	2.20

ELECTRICAL PROPERTIES	
Capacitance(pF/m)	63
Impedance(ohm)	75
Corona Extinction Voltage(VRMS @ 60Hz)	1.20
Voltage Withstanding(VRMS @ 60Hz)	2.50
Moding Frequency(GHz)	67

MECHANICAL PROPERTIES	
Minimum Inside Bend Radius(mm)	7.63
Outer Conductor Integrity Temperature(℃)	175
Operating Temperature Range(℃)	-55～+125

ATTENUATION & AVERAGE POWER(20℃ & SEA LEVEL)		
Frequency(GHz)	Max. Attenuation(dB/m)	Power (watts)
0.5	0.48	173.3
1.0	0.68	121.4
5.0	1.60	52.2
10.0	2.34	35.9
20.0	3.47	24.4

Bing 086-75/SP



This specification covers the requirement for Bing 086-75/SP, semi-rigid coaxial cable: .086 inch diameter 75 ohm with silver-coated copper-clad steel center conductor, solid PTFE insulation and silver plated seamless copper outer conductor.

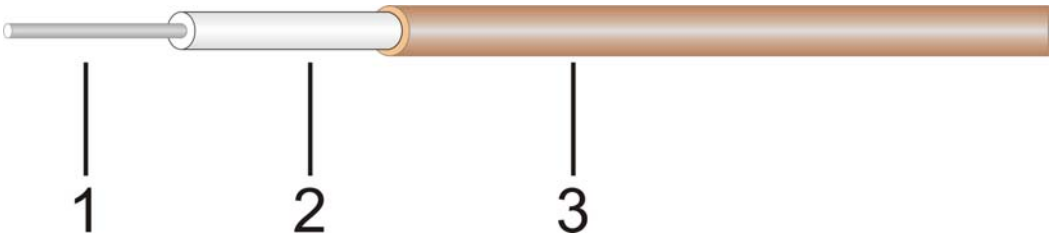
STRUCTURE SPECIFICATION		
	Material	Diameter(mm)
1. Inner Conductor	Silver Plated copper Clad Steel	0.30
2. Insulation	PTFE	1.68
3. Outer Conductor	Seamless Copper Tube, Silver Plated	2.20

ELECTRICAL PROPERTIES	
Capacitance(pF/m)	63
Impedance(ohm)	75
Corona Extinction Voltage(VRMS @ 60Hz)	1.20
Voltage Withstanding(VRMS @ 60Hz)	2.50
Moding Frequency(GHz)	67

MECHANICAL PROPERTIES	
Minimum Inside Bend Radius(mm)	7.63
Outer Conductor Integrity Temperature(℃)	175
Operating Temperature Range(℃)	-55～+125

ATTENUATION & AVERAGE POWER(20℃ & SEA LEVEL)		
Frequency(GHz)	Max. Attenuation(dB/m)	Power (watts)
0.5	0.48	173.3
1.0	0.68	121.4
5.0	1.60	52.2
10.0	2.34	35.9
20.0	3.47	24.4

Bing 090-25



This specification covers the requirement for Bing 090-25, semi-rigid coaxial cable: .090 inch diameter 25 ohm with silver-coated copper center conductor, solid PTFE insulation and seamless bare copper outer conductor.

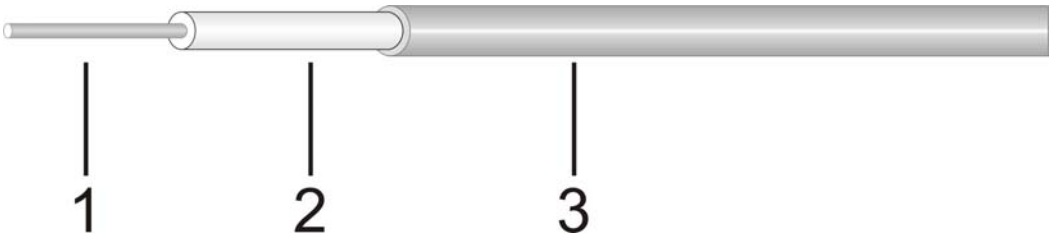
STRUCTURE SPECIFICATION		
	Material	Diameter(mm)
1. Inner Conductor	Silver Plated copper	1.02
2. Insulation	PTFE	1.85
3. Outer Conductor	Seamless Bare Copper Tube	2.29

ELECTRICAL PROPERTIES	
Capacitance(pF/m)	190.4
Impedance(ohm)	25
Corona Extinction Voltage(VRMS @ 60Hz)	0.75
Voltage Withstanding(VRMS @ 60Hz)	1.00
Moding Frequency(GHz)	46

MECHANICAL PROPERTIES	
Minimum Inside Bend Radius(mm)	8.02
Outer Conductor Integrity Temperature(℃)	175
Operating Temperature Range(℃)	-55～+125

ATTENUATION & AVERAGE POWER(20℃ & SEA LEVEL)		
Frequency(GHz)	Max. Attenuation(dB/m)	Power (watts)
0.5	0.53	205.0
1.0	0.76	143.8
5.0	1.77	62.1
10.0	2.58	42.8
20.0	3.81	29.3

Bing 090-25/TP



This specification covers the requirement for Bing 090-25/TP, semi-rigid coaxial cable: .090 inch diameter 25 ohm with silver-coated copper center conductor, solid PTFE insulation and tin plated seamless copper outer conductor.

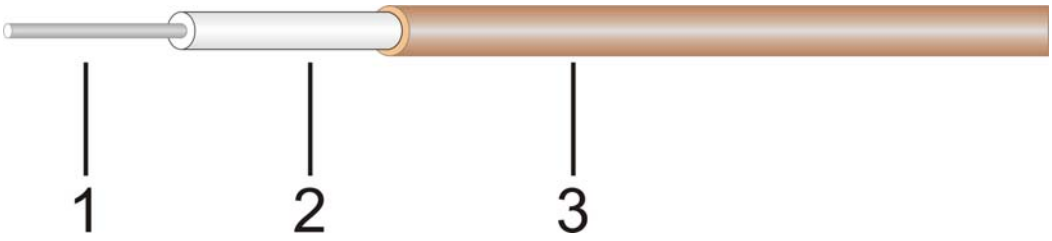
STRUCTURE SPECIFICATION		
	Material	Diameter(mm)
1. Inner Conductor	Silver Plated copper	1.02
2. Insulation	PTFE	1.85
3. Outer Conductor	Seamless Copper Tube, Tin Plated	2.29

ELECTRICAL PROPERTIES	
Capacitance(pF/m)	190.4
Impedance(ohm)	25
Corona Extinction Voltage(VRMS @ 60Hz)	0.75
Voltage Withstanding(VRMS @ 60Hz)	1.00
Moding Frequency(GHz)	46

MECHANICAL PROPERTIES	
Minimum Inside Bend Radius(mm)	8.02
Outer Conductor Integrity Temperature(℃)	175
Operating Temperature Range(℃)	-55～+125

ATTENUATION & AVERAGE POWER(20℃ & SEA LEVEL)		
Frequency(GHz)	Max. Attenuation(dB/m)	Power (watts)
0.5	0.53	205.0
1.0	0.76	143.8
5.0	1.77	62.1
10.0	2.58	42.8
20.0	3.81	29.3

Bing 141



This specification covers the requirement for Bing 141, semi-rigid coaxial cable: .141 inch diameter 50 ohm with silver-coated copper center conductor, solid PTFE insulation and seamless bare copper outer conductor.

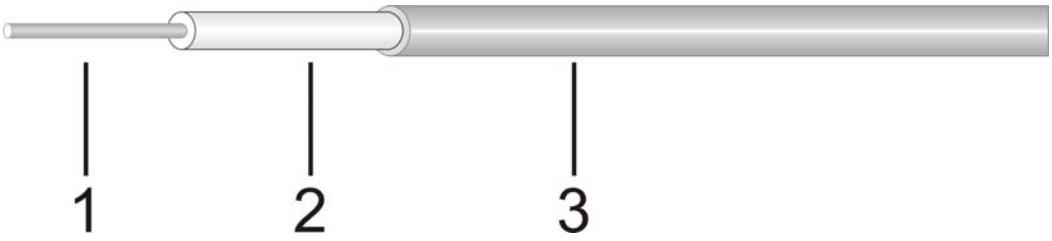
STRUCTURE SPECIFICATION		
	Material	Diameter(mm)
1. Inner Conductor	Silver Plated copper	0.93
2. Insulation	PTFE	3.00
3. Outer Conductor	Seamless Bare Copper Tube	3.58

ELECTRICAL PROPERTIES	
Capacitance(pF/m)	95.1
Impedance(ohm)	50
Corona Extinction Voltage(VRMS @ 60Hz)	1.90
Voltage Withstanding(VRMS @ 60Hz)	5.00
Moding Frequency(GHz)	34

MECHANICAL PROPERTIES	
Minimum Inside Bend Radius(mm)	12.5
Outer Conductor Integrity Temperature(℃)	175
Operating Temperature Range(℃)	-55～+125

ATTENUATION & AVERAGE POWER(20℃ & SEA LEVEL)		
Frequency(GHz)	Max. Attenuation(dB/m)	Power (watts)
0.5	0.26	600.5
1.0	0.38	417.5
5.0	0.91	174.4
10.0	1.37	117.5
20.0	2.09	77.9

Bing 141/TP



This specification covers the requirement for Bing 141/TP, semi-rigid coaxial cable: .141 inch diameter 50 ohm with silver-coated copper center conductor, solid PTFE insulation and tin plated seamless copper outer conductor.

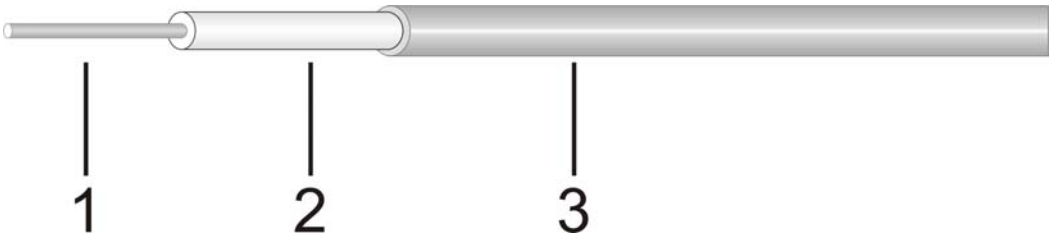
STRUCTURE SPECIFICATION		
	Material	Diameter(mm)
1. Inner Conductor	Silver Plated copper	0.93
2. Insulation	PTFE	3.00
3. Outer Conductor	Seamless Copper Tube, Tin Plated	3.58

ELECTRICAL PROPERTIES	
Capacitance(pF/m)	95.1
Impedance(ohm)	50
Corona Extinction Voltage(VRMS @ 60Hz)	1.90
Voltage Withstanding(VRMS @ 60Hz)	5.00
Moding Frequency(GHz)	34

MECHANICAL PROPERTIES	
Minimum Inside Bend Radius(mm)	12.5
Outer Conductor Integrity Temperature(℃)	175
Operating Temperature Range(℃)	-55～+125

ATTENUATION & AVERAGE POWER(20℃ & SEA LEVEL)		
Frequency(GHz)	Max. Attenuation(dB/m)	Power (watts)
0.5	0.26	483.5
1.0	0.38	336.2
5.0	0.91	140.4
10.0	1.37	94.6
20.0	2.09	62.7

Bing 141/SP



This specification covers the requirement for Bing 141/SP, semi-rigid coaxial cable: .141 inch diameter 50 ohm with silver-coated copper center conductor, solid PTFE insulation and silver plated seamless copper outer conductor.

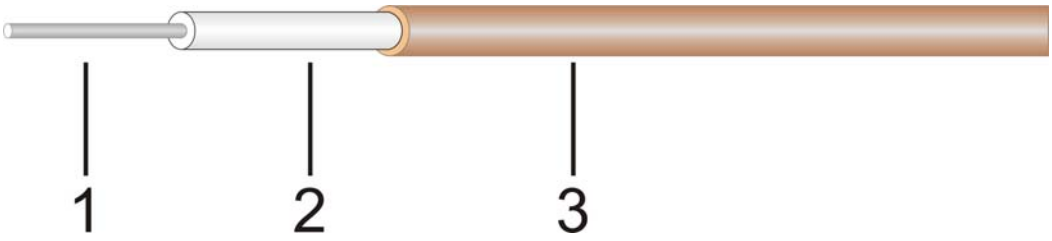
STRUCTURE SPECIFICATION		
	Material	Diameter(mm)
1. Inner Conductor	Silver Plated copper	0.93
2. Insulation	PTFE	3.00
3. Outer Conductor	Seamless Copper Tube, Silver Plated	3.58

ELECTRICAL PROPERTIES	
Capacitance(pF/m)	95.1
Impedance(ohm)	50
Corona Extinction Voltage(VRMS @ 60Hz)	1.90
Voltage Withstanding(VRMS @ 60Hz)	5.00
Moding Frequency(GHz)	34

MECHANICAL PROPERTIES	
Minimum Inside Bend Radius(mm)	12.5
Outer Conductor Integrity Temperature(℃)	175
Operating Temperature Range(℃)	-55～+125

ATTENUATION & AVERAGE POWER(20℃ & SEA LEVEL)		
Frequency(GHz)	Max. Attenuation(dB/m)	Power (watts)
0.5	0.26	436.5
1.0	0.38	303.4
5.0	0.91	126.7
10.0	1.37	85.5
20.0	2.09	56.6

Bing 141-25



This specification covers the requirement for Bing 141-25, semi-rigid coaxial cable: .141 inch diameter 25 ohm with silver-coated copper center conductor, solid PTFE insulation and seamless bare copper outer conductor.

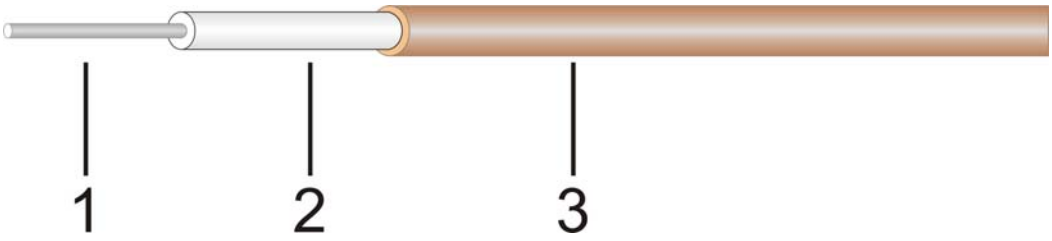
STRUCTURE SPECIFICATION		
	Material	Diameter(mm)
1. Inner Conductor	Silver Plated copper	1.63
2. Insulation	PTFE	2.98
3. Outer Conductor	Seamless Bare Copper Tube	3.58

ELECTRICAL PROPERTIES	
Capacitance(pF/m)	190.4
Impedance(ohm)	25
Corona Extinction Voltage(VRMS @ 60Hz)	1.00
Voltage Withstanding(VRMS @ 60Hz)	2.00
Moding Frequency(GHz)	29

MECHANICAL PROPERTIES	
Minimum Inside Bend Radius(mm)	12.5
Outer Conductor Integrity Temperature(℃)	175
Operating Temperature Range(℃)	-55～+125

ATTENUATION & AVERAGE POWER(20℃ & SEA LEVEL)		
Frequency(GHz)	Max. Attenuation(dB/m)	Power (watts)
0.5	0.34	471.7
1.0	0.48	329.1
5.0	1.15	139.4
10.0	1.70	94.9
20.0	2.57	63.7

Bing 141-35



This specification covers the requirement for Bing 141-35, semi-rigid coaxial cable: .141 inch diameter 35 ohm with silver-coated copper center conductor, solid PTFE insulation and seamless bare copper outer conductor.

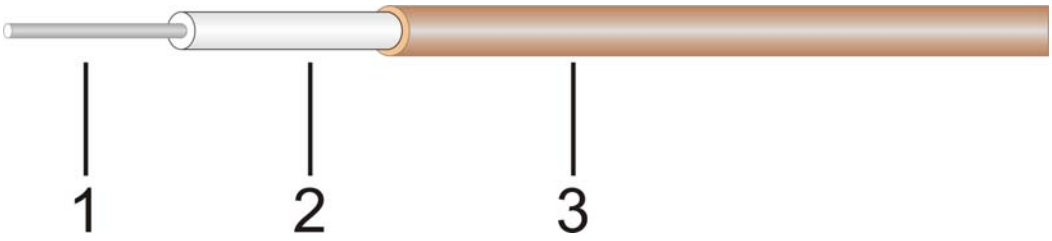
STRUCTURE SPECIFICATION		
	Material	Diameter(mm)
1. Inner Conductor	Silver Plated copper	1.29
2. Insulation	PTFE	2.98
3. Outer Conductor	Seamless Bare Copper Tube	3.58

ELECTRICAL PROPERTIES	
Capacitance(pF/m)	136
Impedance(ohm)	35
Corona Extinction Voltage(VRMS @ 60Hz)	1.50
Voltage Withstanding(VRMS @ 60Hz)	3.00
Moding Frequency(GHz)	31

MECHANICAL PROPERTIES	
Minimum Inside Bend Radius(mm)	12.5
Outer Conductor Integrity Temperature(℃)	175
Operating Temperature Range(℃)	-55～+125

ATTENUATION & AVERAGE POWER(20℃ & SEA LEVEL)		
Frequency(GHz)	Max. Attenuation(dB/m)	Power (watts)
0.5	0.29	552.4
1.0	0.41	384.6
5.0	0.99	161.5
10.0	1.48	109.2
20.0	2.25	72.7

Bing 141-75



This specification covers the requirement for Bing 141-75, semi-rigid coaxial cable: .141 inch diameter 75 ohm with silver-coated copper-clad steel center conductor, solid PTFE insulation and seamless bare copper outer conductor.

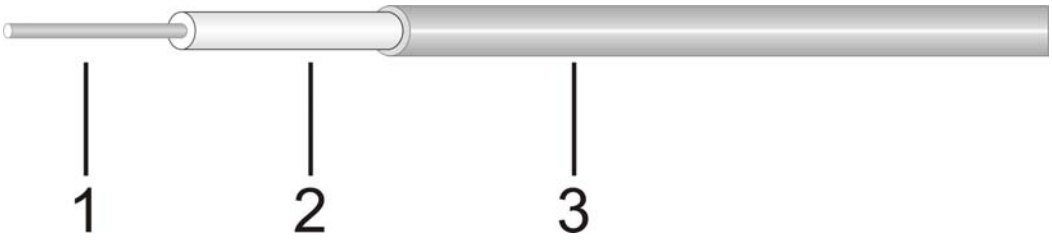
STRUCTURE SPECIFICATION		
	Material	Diameter(mm)
1. Inner Conductor	Silver Plated copper Clad Steel	0.51
2. Insulation	PTFE	2.98
3. Outer Conductor	Seamless Bare Copper Tube	3.58

ELECTRICAL PROPERTIES	
Capacitance(pF/m)	68.5
Impedance(ohm)	75
Corona Extinction Voltage(VRMS @ 60Hz)	2.00
Voltage Withstanding(VRMS @ 60Hz)	5.00
Moding Frequency(GHz)	38

MECHANICAL PROPERTIES	
Minimum Inside Bend Radius(mm)	12.5
Outer Conductor Integrity Temperature(℃)	175
Operating Temperature Range(℃)	-55～+125

ATTENUATION & AVERAGE POWER(20℃ & SEA LEVEL)		
Frequency(GHz)	Max. Attenuation(dB/m)	Power (watts)
0.5	0.28	549.0
1.0	0.40	382.2
5.0	0.97	160.6
10.0	1.45	108.6
20.0	2.21	72.4

Bing 141-75/TP



This specification covers the requirement for Bing 141-75/TP, semi-rigid coaxial cable: .141 inch diameter 75 ohm with silver-coated copper-clad steel center conductor, solid PTFE insulation and tin plated seamless copper outer conductor.

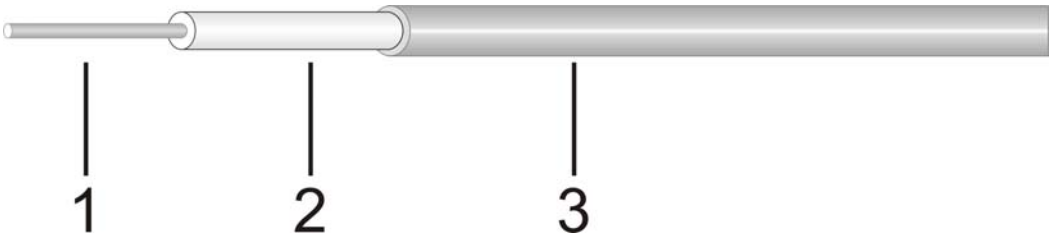
STRUCTURE SPECIFICATION		
	Material	Diameter(mm)
1. Inner Conductor	Silver Plated copper Clad Steel	0.51
2. Insulation	PTFE	2.98
3. Outer Conductor	Seamless Copper Tube, Tin Plated	3.58

ELECTRICAL PROPERTIES	
Capacitance(pF/m)	68.5
Impedance(ohm)	75
Corona Extinction Voltage(VRMS @ 60Hz)	2.00
Voltage Withstanding(VRMS @ 60Hz)	5.00
Moding Frequency(GHz)	38

MECHANICAL PROPERTIES	
Minimum Inside Bend Radius(mm)	12.5
Outer Conductor Integrity Temperature(℃)	175
Operating Temperature Range(℃)	-55～+125

ATTENUATION & AVERAGE POWER(20℃ & SEA LEVEL)		
Frequency(GHz)	Max. Attenuation(dB/m)	Power (watts)
0.5	0.28	549.0
1.0	0.40	382.2
5.0	0.97	160.6
10.0	1.45	108.6
20.0	2.21	72.4

Bing 141-75/SP



This specification covers the requirement for Bing 141-75/SP, semi-rigid coaxial cable: .141 inch diameter 75 ohm with silver-coated copper-clad steel center conductor, solid PTFE insulation and silver plated seamless copper outer conductor.

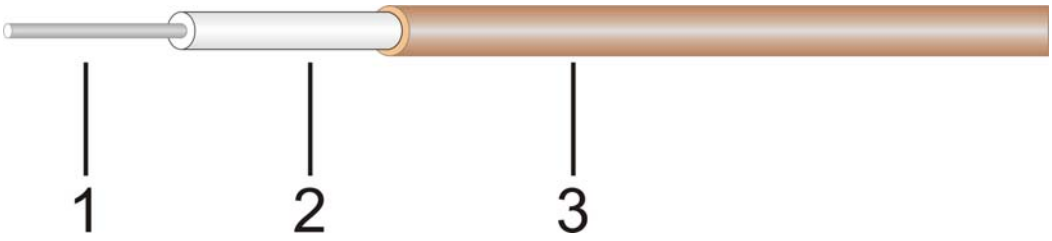
STRUCTURE SPECIFICATION		
	Material	Diameter(mm)
1. Inner Conductor	Silver Plated copper Clad Steel	0.51
2. Insulation	PTFE	2.98
3. Outer Conductor	Seamless Copper Tube, Silver Plated	3.58

ELECTRICAL PROPERTIES	
Capacitance(pF/m)	68.5
Impedance(ohm)	75
Corona Extinction Voltage(VRMS @ 60Hz)	2.00
Voltage Withstanding(VRMS @ 60Hz)	5.00
Moding Frequency(GHz)	38

MECHANICAL PROPERTIES	
Minimum Inside Bend Radius(mm)	12.5
Outer Conductor Integrity Temperature(℃)	175
Operating Temperature Range(℃)	-55～+125

ATTENUATION & AVERAGE POWER(20℃ & SEA LEVEL)		
Frequency(GHz)	Max. Attenuation(dB/m)	Power (watts)
0.5	0.28	549.0
1.0	0.40	382.2
5.0	0.97	160.6
10.0	1.45	108.6
20.0	2.21	72.4

Bing 250



This specification covers the requirement for Bing 250, semi-rigid coaxial cable: .250 inch diameter 50 ohm with silver-coated copper center conductor, solid PTFE insulation and seamless bare copper outer conductor.

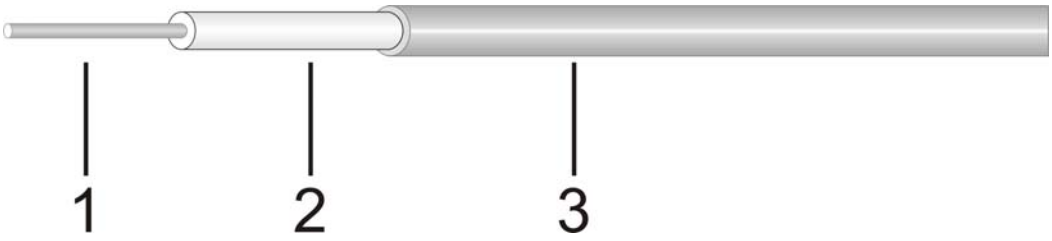
STRUCTURE SPECIFICATION		
	Material	Diameter(mm)
1. Inner Conductor	Silver Plated copper	1.65
2. Insulation	PTFE	5.31
3. Outer Conductor	Seamless Bare Copper Tube	6.35

ELECTRICAL PROPERTIES	
Capacitance(pF/m)	95.1
Impedance(ohm)	50
Corona Extinction Voltage(VRMS @ 60Hz)	3.00
Voltage Withstanding(VRMS @ 60Hz)	7.50
Moding Frequency(GHz)	19

MECHANICAL PROPERTIES	
Minimum Inside Bend Radius(mm)	22.3
Outer Conductor Integrity Temperature(℃)	175
Operating Temperature Range(℃)	-55～+125

ATTENUATION & AVERAGE POWER(20℃ & SEA LEVEL)		
Frequency(GHz)	Max. Attenuation(dB/m)	Power (watts)
0.5	0.16	1332.1
1.0	0.23	914.6
5.0	0.58	364.4
10.0	0.89	238.2

Bing 250/TP



This specification covers the requirement for Bing 250/TP, semi-rigid coaxial cable: .250 inch diameter 50 ohm with silver-coated copper center conductor, solid PTFE insulation and tin plated seamless copper outer conductor.

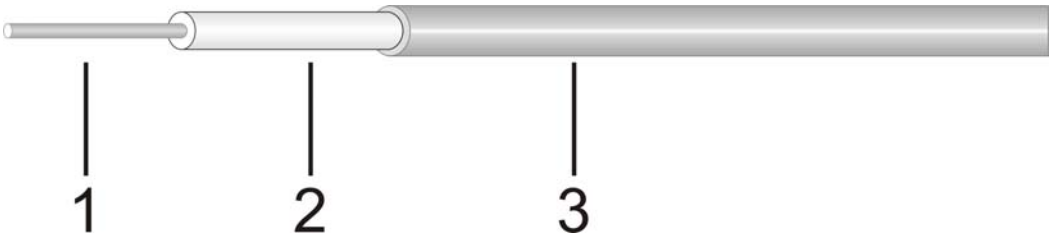
STRUCTURE SPECIFICATION		
	Material	Diameter(mm)
1. Inner Conductor	Silver Plated copper	1.65
2. Insulation	PTFE	5.31
3. Outer Conductor	Seamless Copper Tube, Tin Plated	6.35

ELECTRICAL PROPERTIES	
Capacitance(pF/m)	95.1
Impedance(ohm)	50
Corona Extinction Voltage(VRMS @ 60Hz)	3.00
Voltage Withstanding(VRMS @ 60Hz)	7.50
Moding Frequency(GHz)	19

MECHANICAL PROPERTIES	
Minimum Inside Bend Radius(mm)	22.3
Outer Conductor Integrity Temperature(℃)	175
Operating Temperature Range(℃)	-55～+125

ATTENUATION & AVERAGE POWER(20℃ & SEA LEVEL)		
Frequency(GHz)	Max. Attenuation(dB/m)	Power (watts)
0.5	0.16	1061.2
1.0	0.23	728.4
5.0	0.58	290.9
10.0	0.89	189.5

Bing 250/SP



This specification covers the requirement for Bing 250/SP, semi-rigid coaxial cable: .250 inch diameter 50 ohm with silver-coated copper center conductor, solid PTFE insulation and silver plated seamless copper outer conductor.

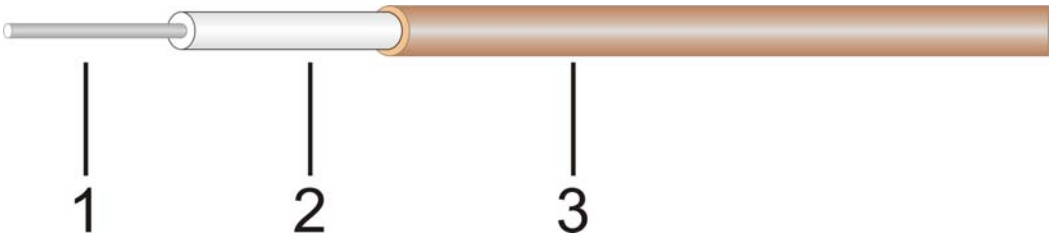
STRUCTURE SPECIFICATION		
	Material	Diameter(mm)
1. Inner Conductor	Silver Plated copper	1.65
2. Insulation	PTFE	5.31
3. Outer Conductor	Seamless Copper Tube, Silver Plated	6.35

ELECTRICAL PROPERTIES	
Capacitance(pF/m)	95.1
Impedance(ohm)	50
Corona Extinction Voltage(VRMS @ 60Hz)	3.00
Voltage Withstanding(VRMS @ 60Hz)	7.50
Moding Frequency(GHz)	19

MECHANICAL PROPERTIES	
Minimum Inside Bend Radius(mm)	22.3
Outer Conductor Integrity Temperature(℃)	175
Operating Temperature Range(℃)	-55～+125

ATTENUATION & AVERAGE POWER(20℃ & SEA LEVEL)		
Frequency(GHz)	Max. Attenuation(dB/m)	Power (watts)
0.5	0.16	951.6
1.0	0.23	653.1
5.0	0.58	259.9
10.0	0.89	169.8

Bing 250-75



This specification covers the requirement for Bing 250-75, semi-rigid coaxial cable: .250 inch diameter 75 ohm with silver-coated copper center conductor, solid PTFE insulation and seamless bare copper outer conductor.

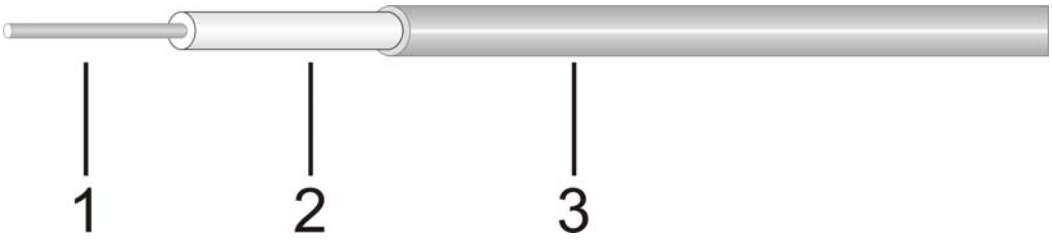
STRUCTURE SPECIFICATION		
	Material	Diameter(mm)
1. Inner Conductor	Silver Plated copper	0.91
2. Insulation	PTFE	5.44
3. Outer Conductor	Seamless Bare Copper Tube	6.35

ELECTRICAL PROPERTIES	
Capacitance(pF/m)	63.5
Impedance(ohm)	75
Corona Extinction Voltage(VRMS @ 60Hz)	3.00
Voltage Withstanding(VRMS @ 60Hz)	7.50
Moding Frequency(GHz)	21

MECHANICAL PROPERTIES	
Minimum Inside Bend Radius(mm)	22.3
Outer Conductor Integrity Temperature(℃)	175
Operating Temperature Range(℃)	-55～+125

ATTENUATION & AVERAGE POWER(20℃ & SEA LEVEL)		
Frequency(GHz)	Max. Attenuation(dB/m)	Power (watts)
0.5	0.04	1653.0
1.0	0.24	1133.7
5.0	0.60	449.9
10.0	0.93	293.4
20.0	1.47	186.9

Bing 250-75/TP



This specification covers the requirement for Bing 250-75/TP, semi-rigid coaxial cable: .250 inch diameter 75 ohm with silver-coated copper center conductor, solid PTFE insulation and tin plated seamless copper outer conductor.

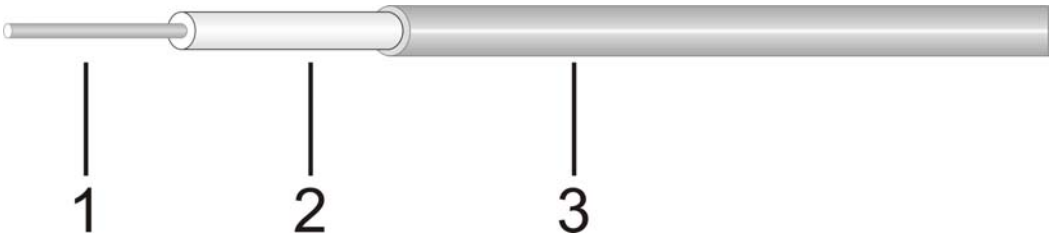
STRUCTURE SPECIFICATION		
	Material	Diameter(mm)
1. Inner Conductor	Silver Plated copper	0.91
2. Insulation	PTFE	5.44
3. Outer Conductor	Seamless Copper Tube, Tin Plated	6.35

ELECTRICAL PROPERTIES	
Capacitance(pF/m)	63.5
Impedance(ohm)	75
Corona Extinction Voltage(VRMS @ 60Hz)	3.00
Voltage Withstanding(VRMS @ 60Hz)	7.50
Moding Frequency(GHz)	21

MECHANICAL PROPERTIES	
Minimum Inside Bend Radius(mm)	22.3
Outer Conductor Integrity Temperature(℃)	175
Operating Temperature Range(℃)	-55～+125

ATTENUATION & AVERAGE POWER(20℃ & SEA LEVEL)		
Frequency(GHz)	Max. Attenuation(dB/m)	Power (watts)
0.5	0.04	1653.0
1.0	0.24	1133.7
5.0	0.60	449.9
10.0	0.93	293.4
20.0	1.47	186.9

Bing 250-75/SP



This specification covers the requirement for Bing 250-75/SP, semi-rigid coaxial cable: .250 inch diameter 75 ohm with silver-coated copper center conductor, solid PTFE insulation and silver plated seamless copper outer conductor.

STRUCTURE SPECIFICATION		
	Material	Diameter(mm)
1. Inner Conductor	Silver Plated copper	0.91
2. Insulation	PTFE	5.44
3. Outer Conductor	Seamless Copper Tube, Silver Plated	6.35

ELECTRICAL PROPERTIES	
Capacitance(pF/m)	63.5
Impedance(ohm)	75
Corona Extinction Voltage(VRMS @ 60Hz)	3.00
Voltage Withstanding(VRMS @ 60Hz)	7.50
Moding Frequency(GHz)	21

MECHANICAL PROPERTIES	
Minimum Inside Bend Radius(mm)	22.3
Outer Conductor Integrity Temperature(℃)	175
Operating Temperature Range(℃)	-55～+125

ATTENUATION & AVERAGE POWER(20℃ & SEA LEVEL)		
Frequency(GHz)	Max. Attenuation(dB/m)	Power (watts)
0.5	0.04	1653.0
1.0	0.24	1133.7
5.0	0.60	449.9
10.0	0.93	293.4
20.0	1.47	186.9