Semi-rigid Coaxial Cables

SR034

SR047/M17

SR086 /M17

SR086-25

SR086-75

SR090-25

SR141

SR141-25

SR141-35

SR141-75

SR250

SR250-75

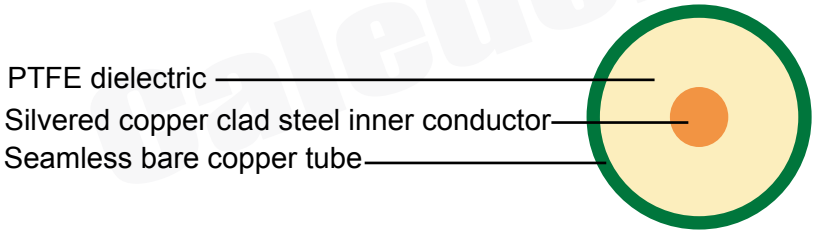
SR034

Construction

Inner conductor	Silver plated copper clad steel(SCCS)	Φ0.20 mm
Dielectric	PTFE	Φ0.66 ± 0.1 mm
Outer conductor	type1: Seamless bare copper tube	Φ0.86 ± 0.1 mm
	type2: Seamless copper tube, tin plated(TP)	
	type3: Seamless copper tube, silver plated(SP)	

Electrical & mechanical properties

Impedance	50±3 Ohm
Nominal capacitance	95 pF/m
Velocity of propagation	-
Insulation resistance	- Mohm.Km
Inner conductor resistance	- Ohm/Km
Outer conductor resistance	- Ohm/Km
Operating temperature range	-55°C - +125 °C
Outer conductor integrity temperature	175°C
Min.bending radius	3.0 mm



Attenuation

Frequency(MHz)	Max. Attenuation(dB/100m)	Max. Attenuation(dB/100ft)
500	112	34.1
1000	159	48.5
5000	362	110.3
10000	520	158.5
20000	752	229.2

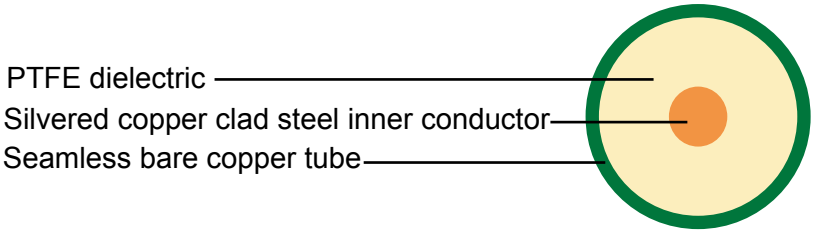
SR047/M17

Construction

Inner conductor	Silver plated copper clad steel	Φ0.28 mm
Dielectric	PTFE	Φ0.92 ± 0.1 mm
Outer conductor	type1: Seamless bare copper tube	Φ1.20 ± 0.1 mm
	type2: Seamless copper tube, tin plated(TP)	
	type3: Seamless copper tube, Silver plated(SP)	

Electrical & mechanical properties

Impedance	50±3 Ohm
Nominal capacitance	95 pF/m
Velocity of propagation	-
Insulation resistance	-
Inner conductor resistance	- Ohm/Km
Outer conductor resistance	- Ohm/Km
Operating temperature range	-55°C - +125 °C
Outer conductor integrity temperature	175°C
Min.bending radius	4.2 mm



Attenuation

Frequency(MHz)	Max. Attenuation(dB/100m)	Max. Attenuation(dB/100ft)
500	79	24.1
1000	113	34.4
5000	259	78.9
10000	374	114.0
20000	544	165.8

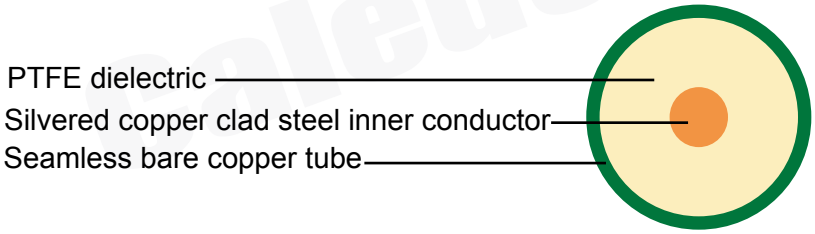
SR086 /M17

Construction

Inner conductor	Silver plated copper clad steel	Φ0.51 mm
Dielectric	PTFE	Φ1.67 ± 0.1 mm
Outer conductor	type1: Seamless bare copper tube	Φ2.20 ± 0.1 mm
	type2: Seamless copper tube, tin plated(TP)	
	type3: Seamless copper tube, Silver plated(SP)	

Electrical & mechanical properties

Impedance	50±3 Ohm
Nominal capacitance	95 pF/m
Velocity of propagation	-
Insulation resistance	- Mohm.Km
Inner conductor resistance	- Ohm/Km
Outer conductor resistance	- Ohm/Km
Operating temperature range	-55°C - +125 °C
Outer conductor integrity temperature	175°C
Min.bending radius	7.63 mm



Attenuation

Frequency(MHz)	Max. Attenuation(dB/100m)	Max. Attenuation(dB/100ft)
500	45	13.7
1000	64	19.5
5000	151	46.0
10000	222	67.7
20000	329	100.3

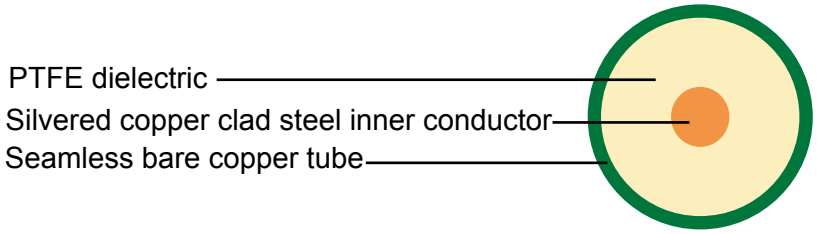
SR086-25

Construction

Inner conductor	Silver plated copper clad steel	Φ0.92 mm
Dielectric	PTFE	Φ1.68 ± 0.1 mm
Outer conductor	type1: Seamless bare copper tube	Φ2.20 ± 0.1 mm
	type2: Seamless copper tube, tin plated(TP)	
	type3: Seamless copper tube, Silver plated(SP)	

Electrical & mechanical properties

Impedance	Nom.25 Ohm
Nominal capacitance	189.6 pF/m
Velocity of propagation	-
Insulation resistance	- Mohm.Km
Inner conductor resistance	- Ohm/Km
Outer conductor resistance	- Ohm/Km
Operating temperature range	-55°C - +125 °C
Outer conductor integrity temperature	175°C
Min.bending radius	7.63 mm



Attenuation

Frequency(MHz)	Max. Attenuation(dB/100m)	Max. Attenuation(dB/100ft)
500	59	18.0
1000	84	25.6
5000	197	60.0
10000	287	87.5
20000	423	128.9

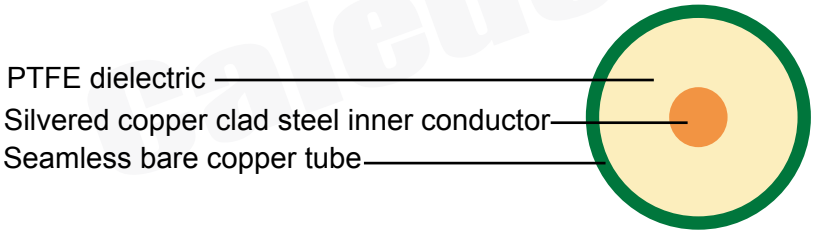
SR086-75

Construction

Inner conductor	Silver plated copper clad steel	Φ0.30 mm
Dielectric	PTFE	Φ1.68 ± 0.1 mm
Outer conductor	type1: Seamless bare copper tube	Φ2.20 ± 0.1 mm
	type2: Seamless copper tube, tin plated(TP)	
	type3: Seamless copper tube, Silver plated(SP)	

Electrical & mechanical properties

Impedance	75±5 Ohm
Nominal capacitance	63 pF/m
Velocity of propagation	-
Insulation resistance	- Mohm.Km
Inner conductor resistance	- Ohm/Km
Outer conductor resistance	- Ohm/Km
Operating temperature range	-55°C - +125 °C
Outer conductor integrity temperature	175°C
Min.bending radius	7.63 mm



Attenuation

Frequency(MHz)	Max. Attenuation(dB/100m)	Max. Attenuation(dB/100ft)
500	48	14.6
1000	68	20.7
5000	160	48.8
10000	234	71.3
20000	347	105.8

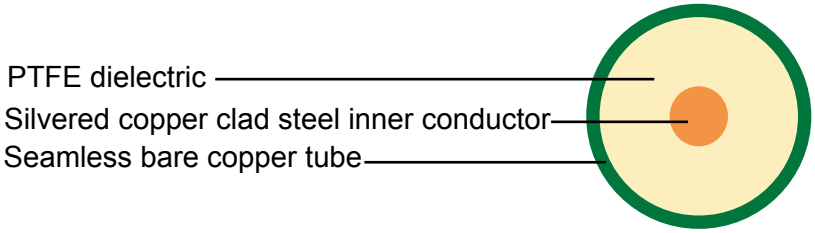
SR090-25

Construction

Inner conductor	Silver plated copper clad steel	Φ1.02 mm
Dielectric	PTFE	Φ1.85 ± 0.1 mm
Outer conductor	type1: Seamless bare copper tube	Φ2.20 ± 0.1 mm
	type2: Seamless copper tube, tin plated(TP)	
	type3: Seamless copper tube, Silver plated(SP)	

Electrical & mechanical properties

Impedance	Nom.25 Ohm
Nominal capacitance	190.4 pF/m
Velocity of propagation	-
Insulation resistance	- Mohm.Km
Inner conductor resistance	- Ohm/Km
Outer conductor resistance	- Ohm/Km
Operating temperature range	-55°C - +125 °C
Outer conductor integrity temperature	175°C
Min.bending radius	8.02 mm



Attenuation

Frequency(MHz)	Max. Attenuation(dB/100m)	Max. Attenuation(dB/100ft)
500	53	16.2
1000	76	23.2
5000	177	53.9
10000	258	78.6
20000	381	116.1

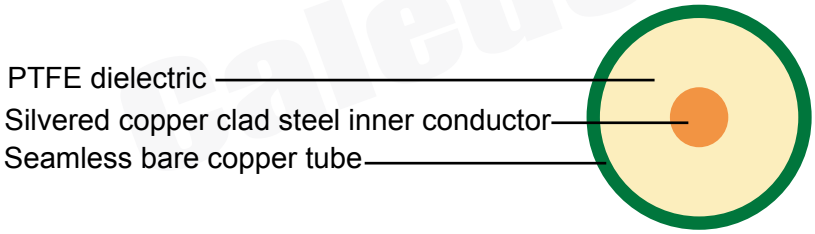
SR141

Construction

Inner conductor	Silver plated copper clad steel	Φ0.93 mm
Dielectric	PTFE	Φ3.00 ± 0.1 mm
Outer conductor	type1: Seamless bare copper tube	Φ3.58 ± 0.1 mm
	type2: Seamless copper tube, tin plated(TP)	
	type3: Seamless copper tube, Silver plated(SP)	

Electrical & mechanical properties

Impedance	50±3 Ohm
Nominal capacitance	95.1 pF/m
Velocity of propagation	-
Insulation resistance	- Mohm.Km
Inner conductor resistance	- Ohm/Km
Outer conductor resistance	- Ohm/Km
Operating temperature range	-55°C - +125 °C
Outer conductor integrity temperature	175°C
Min.bending radius	12.5 mm



Attenuation

Frequency(MHz)	Max. Attenuation(dB/100m)	Max. Attenuation(dB/100ft)
500	26	7.9
1000	38	11.6
5000	91	27.7
10000	137	41.8
20000	209	63.7

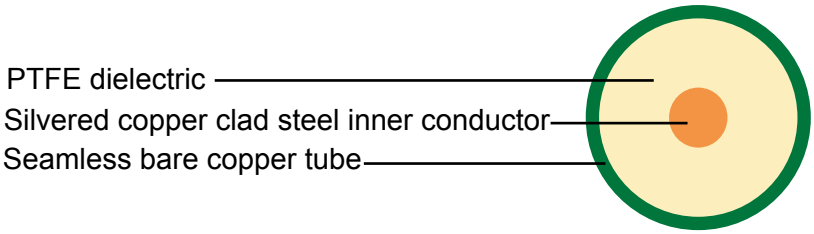
SR141-25

Construction

Inner conductor	Silver plated copper clad steel	Φ1.63 mm
Dielectric	PTFE	Φ2.98 ± 0.1 mm
Outer conductor	Seamless bare copper tube	Φ3.58 ± 0.1 mm

Electrical & mechanical properties

Impedance	Nom.25 Ohm
Nominal capacitance	190.4 pF/m
Velocity of propagation	-
Insulation resistance	- Mohm.Km
Inner conductor resistance	- Ohm/Km
Outer conductor resistance	- Ohm/Km
Operating temperature range	-55°C - +125 °C
Outer conductor integrity temperature	175°C
Min.bending radius	12.5 mm



Attenuation

Frequency(MHz)	Max. Attenuation(dB/100m)	Max. Attenuation(dB/100ft)
500	34	10.4
1000	48	14.6
5000	115	35.1
10000	170	51.8
20000	257	78.3

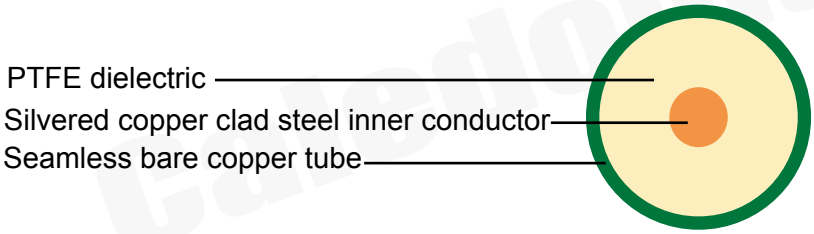
SR141-35

Construction

Inner conductor	Silver plated copper clad steel	Φ1.29 mm
Dielectric	PTFE	Φ2.98 ± 0.1 mm
Outer conductor	Seamless bare copper tube	Φ3.68 ± 0.1 mm

Electrical & mechanical properties

Impedance	Nom.35 Ohm
Nominal capacitance	136 pF/m
Velocity of propagation	-
Insulation resistance	- Mohm.Km
Inner conductor resistance	- Ohm/Km
Outer conductor resistance	- Ohm/Km
Operating temperature range	-55°C - +125 °C
Outer conductor integrity temperature	175°C
Min.bending radius	12.5 mm



Attenuation

Frequency(MHz)	Max. Attenuation(dB/100m)	Max. Attenuation(dB/100ft)
500	29	8.8
1000	41	12.5
5000	99	30.2
10000	148	45.1
20000	225	68.6

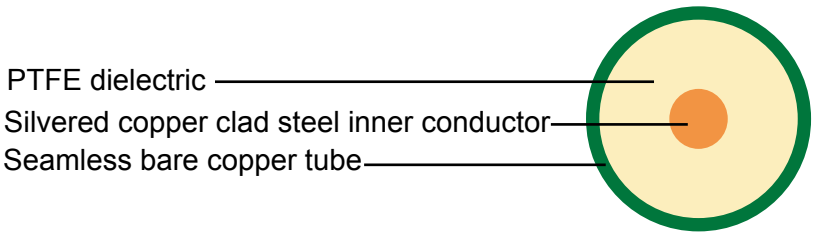
SR141-75

Construction

Inner conductor	Silver plated copper clad steel	Φ0.51 mm
Dielectric	PTFE	Φ2.98 ± 0.1 mm
Outer conductor	type1: Seamless bare copper tube	Φ3.58 ± 0.1 mm
	type2: Seamless copper tube, tin plated(TP)	
	type3: Seamless copper tube, Silver plated(SP)	

Electrical & mechanical properties

Impedance	75±5 Ohm
Nominal capacitance	68.5 pF/m
Velocity of propagation	-
Insulation resistance	- Mohm.Km
Inner conductor resistance	- Ohm/Km
Outer conductor resistance	- Ohm/Km
Operating temperature range	-55°C - +125 °C
Outer conductor integrity temperature	175°C
Min.bending radius	12.5 mm



Attenuation

Frequency(MHz)	Max. Attenuation(dB/100m)	Max. Attenuation(dB/100ft)
500	28	8.5
1000	40	12.2
5000	97	29.6
10000	145	44.2
20000	221	67.4

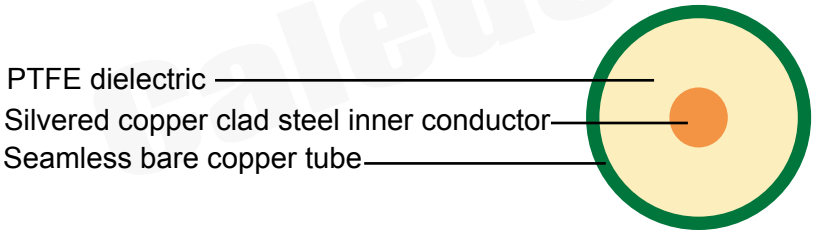
SR250

Construction

Inner conductor	Silver plated copper clad steel	Φ1.65 mm
Dielectric	PTFE	Φ5.31 ± 0.1 mm
Outer conductor	type1: Seamless bare copper tube	Φ6.35 ± 0.1 mm
	type2: Seamless copper tube, tin plated(TP)	
	type3: Seamless copper tube, Silver plated(SP)	

Electrical & mechanical properties

Impedance	50±3 Ohm
Nominal capacitance	95.1 pF/m
Velocity of propagation	-
Insulation resistance	- Mohm.Km
Inner conductor resistance	- Ohm/Km
Outer conductor resistance	- Ohm/Km
Operating temperature range	-55°C - +125 °C
Outer conductor integrity temperature	175°C
Min.bending radius	22.3 mm



Attenuation

Frequency(MHz)	Max. Attenuation(dB/100m)	Max. Attenuation(dB/100ft)
500	16	4.9
1000	23	7.0
5000	58	17.7
10000	89	27.1

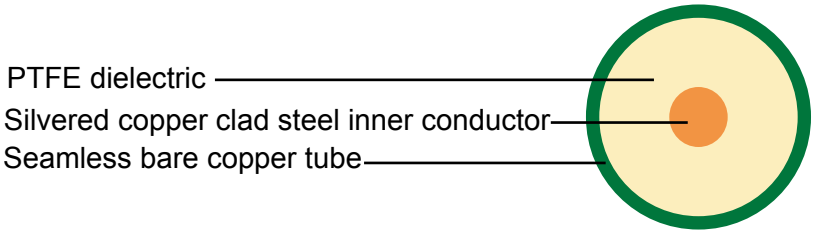
SR250-75

Construction

Inner conductor	Silver plated copper clad steel	Φ0.94 mm
Dielectric	PTFE	Φ5.44 ± 0.1 mm
Outer conductor	type1: Seamless bare copper tube	Φ6.35 ± 0.1 mm
	type2: Seamless copper tube, tin plated(TP)	
	type3: Seamless copper tube, Silver plated(SP)	

Electrical & mechanical properties

Impedance	75±5 Ohm
Nominal capacitance	63.5 pF/m
Velocity of propagation	-
Insulation resistance	- Mohm.Km
Inner conductor resistance	- Ohm/Km
Outer conductor resistance	- Ohm/Km
Operating temperature range	-55°C - +125 °C
Outer conductor integrity temperature	175°C
Min.bending radius	22.3 mm



Attenuation

Frequency(MHz)	Max. Attenuation(dB/100m)	Max. Attenuation(dB/100ft)
500	4	1.2
1000	24	7.3
5000	60	18.3
10000	93	28.3
20000	147	44.8