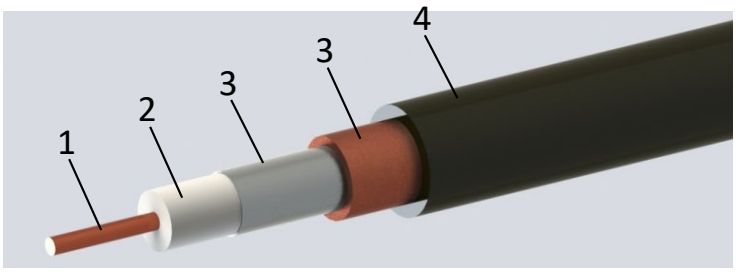
Kunshan Shinto Electronics Technology Co., Ltd

Low Loss cable

SNO LL100



结构参数 Construction Specification

项目Project	材料Material	直径 Diameter (mm)
1.内导体 Inner Conductor	裸铜线 Bare Copper Wire	0.46
2.绝缘体 Dielectric	聚乙烯 PE	1.52
3.外导体 Outer Conductor	自粘铝箔+镀锡铜线编织Foil Bonded+Copper Braid Tin Plated	Nom. 2.10
4.护套 Jacket	1 聚氯乙烯 PVC 2 聚乙烯 PE	2.79

电性能参数 Electrical Characteristics

电容 (pF/m)	Capacitance (pF/m)	101.1
阻抗 (ohm)	Impedance (ohm)	50
速率 (%)	Velocity of Propagation (%)	66
内导体直流电阻 (ohm/Km)	DC Resistance of Center Conductor (ohm/Km)	108
外导体直流电阻 (ohm/Km)	DC Resistance of Outer Conductor (ohm/Km)	31.2
护套耐压 (Vrms)	Jacket Proof Voltage (Vrms)	2000
峰值功率 (KW)	Peak Power (KW)	0.6
屏蔽衰减(>dB)	Shielding Attenuation(>dB)	90

机械和环境性能 Mechanical & Environment Characteristics

工作温度范围（℃）	Operating Temperature Range (℃)	-25 ~ +70 @ PVC -40 ~ +80 @ PE
最小弯曲半径 (mm)	Minimum Bending Radius (mm)	14
环保 (RoHS)	RoHS	Compliant

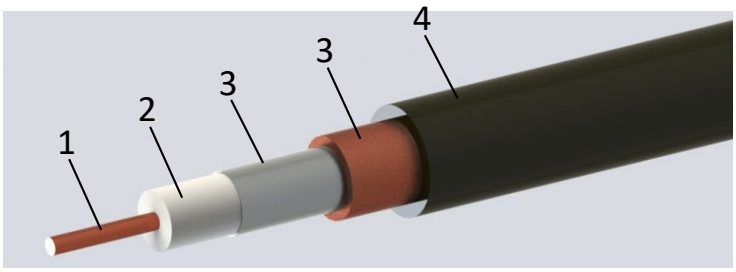
衰减和平均功率（20℃，海平面测试条件）Attenuation & Average Power（@20℃ and Sea Level)

频率Frequency (MHz)	衰减 Attenuation(dB/100Meter)	功率 Power（KW)
30	12.9	0.23
50	16.7	0.18
150	29.4	0.10
220	35.8	0.08
450	51.9	0.06
900	74.9	0.05
1500	98.7	0.04
1800	109.0	0.03
2000	115.5	0.02
2500	130.6	0.01
5800	210.3	0.01

Kunshan Shinto Electronics Technology Co., Ltd

Low Loss cable

SNO LL195



结构参数 Construction Specification

项目Project	材料Material	直径 Diameter (mm)
1.内导体 Inner Conductor	裸铜线 Bare Copper Wire	0.94
2.绝缘体 Dielectric	发泡聚乙烯 Foaming PE	2.79
3.外导体 Outer Conductor	自粘铝箔+镀锡铜线编织Foil Bonded+Copper Braid Tin Plated	Nom. 3.53
4.护套 Jacket	聚乙烯 PE	4.95

电性能参数 Electrical Characteristics

电容 (pF/m)	Capacitance (pF/m)	79.7
阻抗 (ohm)	Impedance (ohm)	50
速率 (%)	Velocity of Propagation (%)	80
内导体直流电阻 (ohm/Km)	DC Resistance of Center Conductor (ohm/Km)	26.08
外导体直流电阻 (ohm/Km)	DC Resistance of Outer Conductor (ohm/Km)	16.88
护套耐压 (Vrms)	Jacket Proof Voltage (Vrms)	3000
峰值功率 (KW)	Peak Power (KW)	2.5
屏蔽衰减(>dB)	Shielding Attenuation(>dB)	90

机械和环境性能 Mechanical & Environment Characteristics

工作温度范围（℃）	Operating Temperature Range (℃）	-40 ~ +80
最小弯曲半径 (mm)	Minimum Bending Radius (mm)	25
环保 (RoHS)	RoHS	Compliant

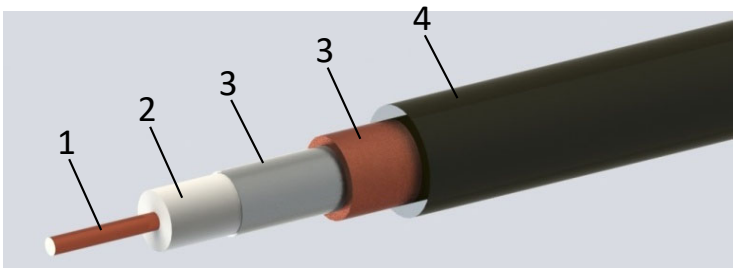
衰减和平均功率（20℃，海平面测试条件）Attenuation & Average Power（@20℃ and Sea Level)

频率Frequency (MHz)	衰减 Attenuation(dB/100Meter)	功率 Power（KW)
30	6.5	0.78
50	8.4	0.60
150	14.6	0.35
220	17.7	0.29
450	25.6	0.20
900	36.5	0.14
1500	47.7	0.11
1800	52.5	0.10
2000	55.5	0.08
2500	62.4	0.07
5800	93.0	0.05

Kunshan Shinto Electronics Technology Co., Ltd

Low Loss cable

SNO LL200



结构参数 Construction Specification

项目Project	材料Material	直径 Diameter (mm)
1.内导体 Inner Conductor	裸铜线 Bare Copper Wire	1.12
2.绝缘体 Dielectric	发泡聚乙烯 Foaming PE	2.95
3.外导体 Outer Conductor	自粘铝箔+镀锡铜线编织Foil Bonded+Copper Braid Tin Plated	Nom. 3.66
4.护套 Jacket	聚乙烯 PE	4.95

电性能参数 Electrical Characteristics

电容 (pF/m)	Capacitance (pF/m)	80.4
阻抗 (ohm)	Impedance (ohm)	50
速率 (%)	Velocity of Propagation (%)	83
内导体直流电阻 (ohm/Km)	DC Resistance of Center Conductor (ohm/Km)	18.38
外导体直流电阻 (ohm/Km)	DC Resistance of Outer Conductor (ohm/Km)	16.88
护套耐压 (Vrms)	Jacket Proof Voltage (Vrms)	3000
峰值功率 (KW)	Peak Power (KW)	2.5
屏蔽衰减(>dB)	Shielding Attenuation(>dB)	90

机械和环境性能 Mechanical & Environment Characteristics

工作温度范围（℃）	Operating Temperature Range (℃）	-40 ~ +80
最小弯曲半径 (mm)	Minimum Bending Radius (mm)	25
环保 (RoHS)	RoHS	Compliant

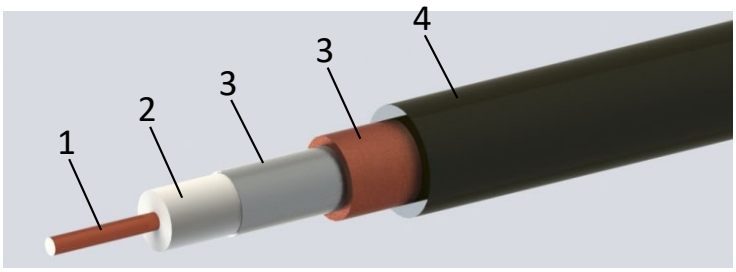
衰减和平均功率（20℃，海平面测试条件）Attenuation & Average Power（@20℃ and Sea Level)

频率Frequency (MHz)	衰减 Attenuation(dB/100Meter)	功率 Power (KW)
30	5.8	0.91
50	7.5	0.70
150	13.1	0.40
220	15.9	0.33
450	22.8	0.23
900	32.6	0.16
1500	42.4	0.12
1800	46.6	0.11
2000	49.3	0.11
2500	60.2	0.10
5800	86.5	0.06

Kunshan Shinto Electronics Technology Co., Ltd

Low Loss cable

SNO LL240



结构参数 Construction Specification		
项目Project	材料Material	直径 Diameter (mm)
1.内导体 Inner Conductor	裸铜线 Bare Copper Wire	1.42
2.绝缘体 Dielectric	发泡聚乙烯 Foaming PE	3.81
3.外导体 Outer Conductor	自粘铝箔+镀锡铜线编织Foil Bonded+Copper Braid Tin Plated	Nom. 4.52
4.护套 Jacket	聚乙烯 PE	6.10±0.10

电性能参数 Electrical Characteristics		
电容 (pF/m)	Capacitance (pF/m)	79.4
阻抗 (ohm)	Impedance (ohm)	50
速率 (%)	Velocity of Propagation (%)	84
内导体直流电阻 (ohm/Km)	DC Resistance of Center Conductor (ohm/Km)	11.43
外导体直流电阻 (ohm/Km)	DC Resistance of Outer Conductor (ohm/Km)	13.40
护套耐压 (Vrms)	Jacket Proof Voltage (Vrms)	5000
峰值功率 (KW)	Peak Power (KW)	5.6
屏蔽衰减(>dB)	Shielding Attenuation(>dB)	90

机械和环境性能 Mechanical & Environment Characteristics		
工作温度范围（℃）	Operating Temperature Range (℃）	-40 ~ +80
最小弯曲半径 (mm)	Minimum Bending Radius (mm)	30
环保 (RoHS)	RoHS	Compliant

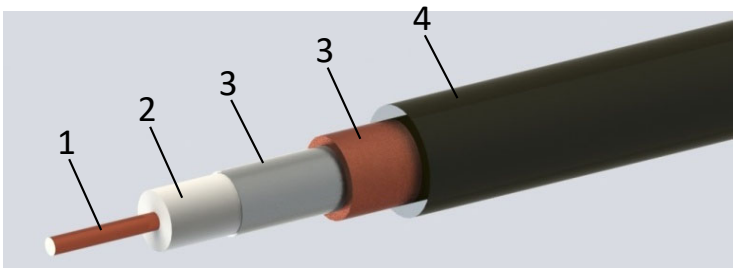
衰减和平均功率（20℃，海平面测试条件）Attenuation & Average Power（@20℃ and Sea Level)

频率Frequency (MHz)	衰减 Attenuation(dB/100Meter)	功率 Power (KW)
30	4.4	1.30
50	5.7	1.00
150	9.9	0.58
220	12.0	0.48
450	17.3	0.33
900	24.8	0.23
1500	32.4	0.18
1800	35.6	0.16
2000	37.7	0.15
2500	42.4	0.13
5800	66.8	0.09

Kunshan Shinto Electronics Technology Co., Ltd

Low Loss cable

SNO LL300



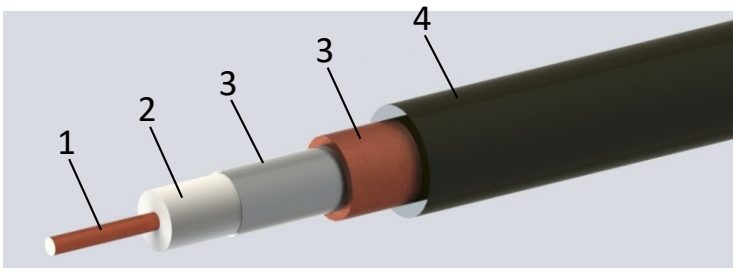
结构参数 Construction Specification		
项目Project	材料Material	直径 Diameter (mm)
1.内导体 Inner Conductor	裸铜线 Bare Copper Wire	1.78
2.绝缘体 Dielectric	发泡聚乙烯 Foaming PE	4.83
3.外导体 Outer Conductor	自粘铝箔+镀锡铜线编织Foil Bonded+Copper Braid Tin Plated	Nom. 5.72
4.护套 Jacket	聚乙烯 PE	7.62
电性能参数 Electrical Characteristics		
电容 (pF/m)	Capacitance (pF/m)	79.1
阻抗 (ohm)	Impedance (ohm)	50
速率 (%)	Velocity of Propagation (%)	85
内导体直流电阻 (ohm/Km)	DC Resistance of Center Conductor (ohm/Km)	7.28
外导体直流电阻 (ohm/Km)	DC Resistance of Outer Conductor (ohm/Km)	7.62
护套耐压 (Vrms)	Jacket Proof Voltage (Vrms)	5000
峰值功率 (KW)	Peak Power (KW)	10
屏蔽衰减(>dB)	Shielding Attenuation(>dB)	90
机械和环境性能 Mechanical & Environment Characteristics		
工作温度范围（℃）	Operating Temperature Range (℃）	-40 ~ +80
最小弯曲半径 (mm)	Minimum Bending Radius (mm)	38
环保 (RoHS)	RoHS	Compliant

衰减和平均功率（20℃，海平面测试条件）Attenuation & Average Power（@20℃ and Sea Level)

频率Frequency (MHz)	衰减 Attenuation(dB/100Meter)	功率 Power (KW)
30	3.5	1.78
50	4.5	1.38
150	7.9	0.79
220	9.6	0.65
450	13.8	0.45
900	19.9	0.31
1500	26.0	0.24
1800	28.7	0.22
2000	30.3	0.21
2500	34.2	0.18
5800	54.3	0.11

Low Loss cable

SNO LL400



结构参数 Construction Specification

项目Project	材料Material	直径 Diameter (mm)
1.内导体 Inner Conductor	铜包铝线 Copper Clad Aluminum	2.74
2.绝缘体 Dielectric	发泡聚乙烯 Foaming PE	7.24
3.外导体 Outer Conductor	自粘铝箔+镀锡铜线编织Foil Bonded+Copper Braid Tin Plated	Nom. 8.1
4.护套 Jacket	聚乙烯 PE	10.16

电性能参数 Electrical Characteristics

电容 (pF/m)	Capacitance (pF/m)	78.4
阻抗 (ohm)	Impedance (ohm)	50
速率 (%)	Velocity of Propagation (%)	85
内导体直流电阻 (ohm/Km)	DC Resistance of Center Conductor (ohm/Km)	4.91
外导体直流电阻 (ohm/Km)	DC Resistance of Outer Conductor (ohm/Km)	5.41
护套耐压 (Vrms)	Jacket Proof Voltage (Vrms)	8000
峰值功率 (KW)	Peak Power (KW)	16
屏蔽衰减(>dB)	Shielding Attenuation(>dB)	90

机械和环境性能 Mechanical & Environment Characteristics

工作温度范围（℃）	Operating Temperature Range (℃）	-40 ~ +80
最小弯曲半径 (mm)	Minimum Bending Radius (mm)	51
环保 (RoHS)	RoHS	Compliant

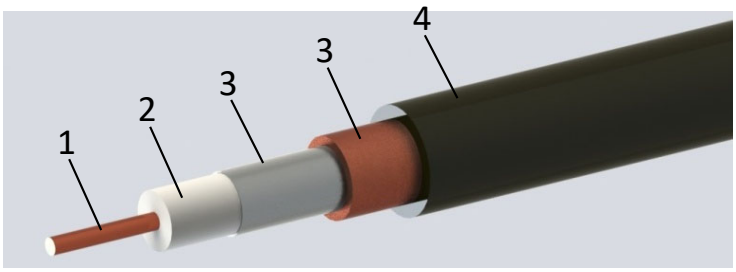
衰减和平均功率（20℃，海平面测试条件）Attenuation & Average Power（@20℃ and Sea Level)

频率Frequency (MHz)	衰减 Attenuation(dB/100Meter)	功率 Power (KW)
30	2.2	2.91
50	2.9	2.21
150	5.0	1.28
220	6.1	1.05
450	8.9	0.72
900	12.8	0.50
1500	16.8	0.38
1800	18.6	0.34
2000	19.6	0.33
2500	22.2	0.29
5800	35.5	0.18

Kunshan Shinto Electronics Technology Co., Ltd

Low Loss cable

SNO LL500



结构参数 Construction Specification		
项目Project	材料Material	直径 Diameter (mm)
1.内导体 Inner Conductor	铜包铝线 Copper Clad Aluminum	3.61
2.绝缘体 Dielectric	发泡聚乙烯 Foaming PE	9.40
3.外导体 Outer Conductor	自粘铝箔+镀锡铜线编织Foil Bonded+Copper Braid Tin Plated	Nom. 10.29
4.护套 Jacket	聚乙烯 PE	12.70

电性能参数 Electrical Characteristics		
电容 (pF/m)	Capacitance (pF/m)	77.4
阻抗 (ohm)	Impedance (ohm)	50
速率 (%)	Velocity of Propagation (%)	86
内导体直流电阻 (ohm/Km)	DC Resistance of Center Conductor (ohm/Km)	2.82
外导体直流电阻 (ohm/Km)	DC Resistance of Outer Conductor (ohm/Km)	4.17
护套耐压 (Vrms)	Jacket Proof Voltage (Vrms)	8000
峰值功率 (KW)	Peak Power (KW)	22
屏蔽衰减(>dB)	Shielding Attenuation(>dB)	90

机械和环境性能 Mechanical & Environment Characteristics		
工作温度范围（℃）	Operating Temperature Range (℃）	-40 ~ +80
最小弯曲半径 (mm)	Minimum Bending Radius (mm)	64
环保 (RoHS)	RoHS	Compliant

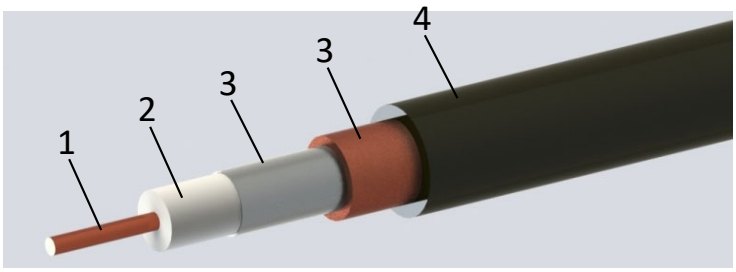
衰减和平均功率（20℃，海平面测试条件）Attenuation & Average Power（@20℃ and Sea Level)

频率Frequency (MHz)	衰减 Attenuation(dB/100Meter)	功率 Power (KW)
30	1.8	2.72
50	2.3	2.13
150	4.0	1.22
220	4.9	1.00
450	7.1	0.69
900	10.3	0.48
1500	13.6	0.36
1800	15.0	0.33
2000	15.9	0.31
2500	18.0	0.27
5800	29.1	0.17

Kunshan Shinto Electronics Technology Co., Ltd

Low Loss cable

SNO LL600



结构参数 Construction Specification

项目Project	材料Material	直径 Diameter (mm)
1.内导体 Inner Conductor	铜包铝线 Copper Clad Aluminum	4.47
2.绝缘体 Dielectric	发泡聚乙烯 Foaming PE	11.56
3.外导体 Outer Conductor	自粘铝箔+镀锡铜线编织Foil Bonded+Copper Braid Tin Plated	Nom. 12.50
4.护套 Jacket	聚乙烯 PE	14.99

电性能参数 Electrical Characteristics

电容 (pF/m)	Capacitance (pF/m)	76.8
阻抗 (ohm)	Impedance (ohm)	50
速率 (%)	Velocity of Propagation (%)	86
内导体直流电阻 (ohm/Km)	DC Resistance of Center Conductor (ohm/Km)	1.85
外导体直流电阻 (ohm/Km)	DC Resistance of Outer Conductor (ohm/Km)	3.94
护套耐压 (Vrms)	Jacket Proof Voltage (Vrms)	8000
峰值功率 (KW)	Peak Power (KW)	40
屏蔽衰减(>dB)	Shielding Attenuation(>dB)	90

机械和环境性能 Mechanical & Environment Characteristics

工作温度范围（℃）	Operating Temperature Range (℃）	-40 ~ +80
最小弯曲半径 (mm)	Minimum Bending Radius (mm)	75
环保 (RoHS)	RoHS	Compliant

衰减和平均功率（20℃，海平面测试条件）Attenuation & Average Power（@20℃ and Sea Level)

频率Frequency (MHz)	衰减 Attenuation(dB/100Meter)	功率 Power（KW)
30	1.5	4.93
50	1.9	3.83
150	3.4	2.16
220	4.1	1.77
450	5.9	1.23
900	8.6	0.84
1500	11.4	0.63
1800	12.7	0.57
2000	13.4	0.54
2500	15.2	0.48
5800	25.0	0.29