

### 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	1.02
2.绝缘体 Dielectric	发泡聚乙烯 Foaming PE	4.57
3.外导体 Outer conductor	自粘铝箔+铝镁线编织 Foil Bonded + Alum Braid	Nom. 5.22
4.护套 Jacket	1 聚氯乙烯 PVC 2 聚乙烯 PE	6.91

### 电性能参数 Electrical Characteristics

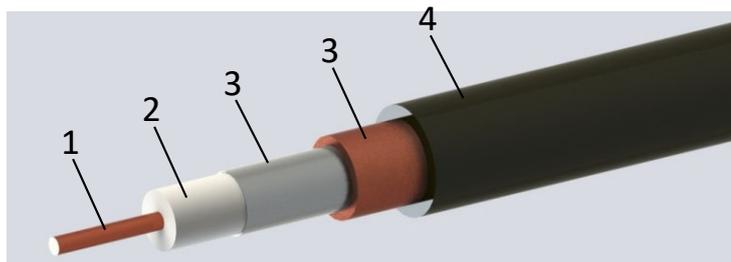
电容 (pF/m)	Capacitance (pF/m)	52
阻抗 (ohm)	Impedance (ohm)	75
速率 (%)	Velocity of Propagation (%)	85
屏蔽衰减(>dB)	Shielding Attenuation(>dB)	80
最大工作电压 (kVrms)	Operating Voltage Max (KV rms)	3.0
回波损耗(≥dB)	Return loss (≥dB)	20 @ VHF 20 @ UHF

### 机械和环境性能 Mechanical & Environment Characteristics

工作温度范围 (°C)	Operating Temperature Range	-25 ~ +70 @ PVC -40 ~ +80 @ PE
环保 (RoHS)	RoHS	Compliant

### 衰减 Attenuation

频率Frequency (MHz)	衰减 Attenuation(dB/100Meter)
5	1.95
50	4.79
211	8.96
400	9.95
550	15.85
750	18.87
865	19.8
1000	21.5



### 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	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+镀锡铜编织 Foil Bonded+copper braid tin plated	Nom. 8.13
4.护套 Jacket	聚乙烯 PE	10.16

### 电性能参数 Electrical Characteristics

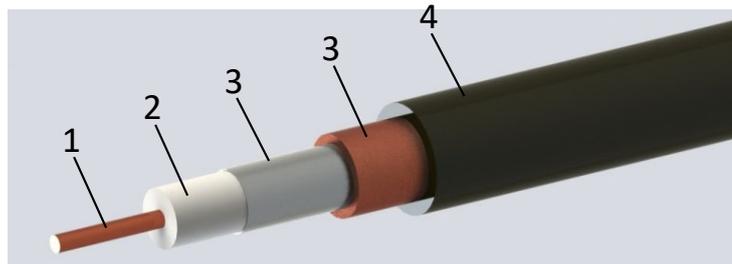
电容 (pF/m)	Capacitance (pF/m)	78.4
阻抗 (ohm)	Impedance (ohm)	50
速率 (%)	Velocity of Propagation (%)	85
护套耐压 (KVrms)	Jacket Proof Voltage (Vrms)	8.0
最大工作电压 (KVrms)	Operating Voltage Max (KV rms)	4.0
屏蔽衰减(>dB)	Shielding Attenuation(>dB)	90

### 机械和环境性能 Mechanical & Environment Characteristics

工作温度范围 (°C)	Operating Temperature Range	-40 ~ +80
环保 (RoHS)	RoHS	Compliant

### 衰减 Attenuation

频率Frequency (MHz)	衰减 Attenuation(dB/100Meter)
30	2.2
50	2.9
150	5.0
220	6.1
450	8.9
900	12.8
1500	16.8
1800	18.6
2000	19.6
2500	22.2
5800	35.5



### 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	1.63
2.绝缘体 Dielectric	发泡聚乙烯 Foaming PE	7.11
3.外导体 Outer conductor	自粘铝箔+铝镁线编织 Foil Bonded + Alum Braid	Nom. 7.80
4.护套 Jacket	1 聚氯乙烯 PVC 2 聚乙烯 PE	10.03

### 电性能参数 Electrical Characteristics

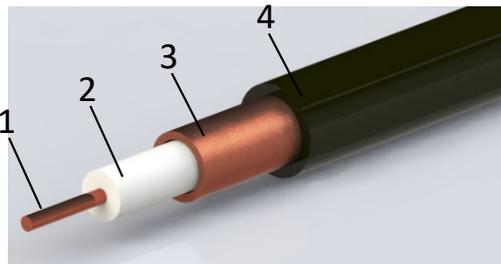
电容 (pF/m)	Capacitance (pF/m)	52
阻抗 (ohm)	Impedance (ohm)	75
速率 (%)	Velocity of Propagation (%)	85
屏蔽衰减(>dB)	Shielding Attenuation(>dB)	80
最大工作电压 (kVrms)	Operating Voltage Max (KV rms)	1.0
回波损耗(≥dB)	Return loss (≥dB)	20 @ VHF 20 @ UHF

### 机械和环境性能 Mechanical & Environment Characteristics

工作温度范围 (°C)	Operating Temperature Range	-25 ~ +70 @ PVC -40 ~ +80 @ PE
环保 (RoHS)	RoHS	Compliant

### 衰减 Attenuation

频率Frequency (MHz)	衰减 Attenuation(dB/100Meter)
50	3.02
100	4.32
200	6.05
550	10.4
750	12.4
800	12.95
1000	14.70



### 结构参数 Construction Specification

项目Project	材料Material	直径 Diameter (mm)
1.内导体 Inner Conductor	镀锡铜线 Copper Wire Tin Plated	19*0.18
2.绝缘体 Dielectric	聚乙烯 PE	2.95
3.外导体 Outer conductor	镀锡铜线编织 Copper Wire Braid Tin Plated	Nom. 3.50
4.护套 Jacket	黑色聚氯乙烯 Black PVC	4.95

### 电性能参数 Electrical Characteristics

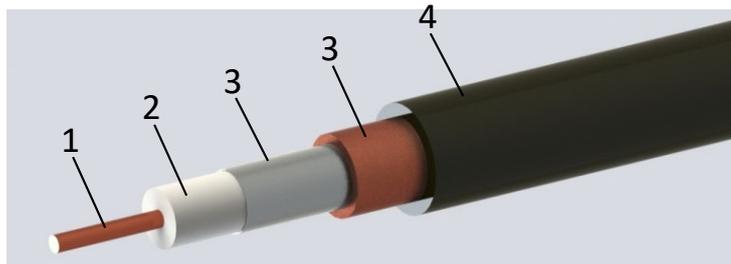
电容 (pF/m)	Capacitance (pF/m)	101.05
阻抗 (ohm)	Impedance (ohm)	50
速率 (%)	Velocity of Propagation (%)	66
最大工作电压 (kVrms)	Operating Voltage Max (KV rms)	1.4
最大工作频率 (MHz)	Operating Frequency Max (MHz)	1000

### 机械和环境性能 Mechanical & Environment Characteristics

工作温度范围 (°C)	Operating Temperature Range	-25 ~ +70
最小弯曲半径 (mm)	Minimum Bending Radius	25
环保 (RoHS)	RoHS	Compliant

### 衰减 Attenuation

频率Frequency (MHz)	衰减 Attenuation(dB/100Meter)
100	15.1
400	30.8
1000	50.2



### 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	0.81
2.绝缘体 Dielectric	发泡聚乙烯 Foaming PE	3.66
3.外导体 Outer conductor	自粘铝箔+铝镁线编织 Foil Bonded + Alum Braid	Nom. 4.10
4.护套 Jacket	1 聚氯乙烯 PVC 2 聚乙烯 PE	6.10

### 电性能参数 Electrical Characteristics

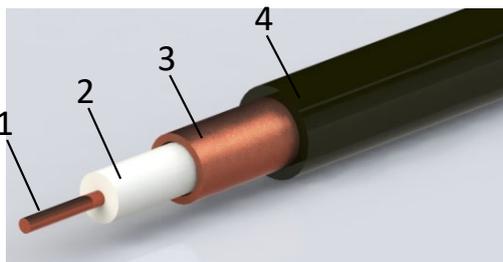
电容 (pF/m)	Capacitance (pF/m)	52
阻抗 (ohm)	Impedance (ohm)	75
速率 (%)	Velocity of Propagation (%)	85
屏蔽衰减(>dB)	Shielding Attenuation(>dB)	70
最大工作电压 (kVrms)	Operating Voltage Max (KV rms)	3.0
回波损耗(≥dB)	Return loss (≥dB)	20 @ VHF 20 @ UHF

### 机械和环境性能 Mechanical & Environment Characteristics

工作温度范围 (°C)	Operating Temperature Range	-25 ~ +70 @ PVC -40 ~ +80 @ PE
环保 (RoHS)	RoHS	Compliant

### 衰减 Attenuation

频率Frequency (MHz)	衰减 Attenuation(dB/100Meter)
5	2.7
50	6.3
100	9.32
200	12.43
550	20.20
750	23.80
800	25.32
1000	27.80



### 结构参数 Construction Specification

项目Project	材料Material	直径 Diameter (mm)
1.内导体 Inner Conductor	铜包钢线Copper Clad Steel	0.64
2.绝缘体 Dielectric	发泡聚乙烯 Foaming PE	3.71
3.外导体 Outer conductor	裸铜线编织	Nom. 4.20
4.护套 Jacket	黑色聚氯乙烯 PVC	6.10

### 电性能参数 Electrical Characteristics

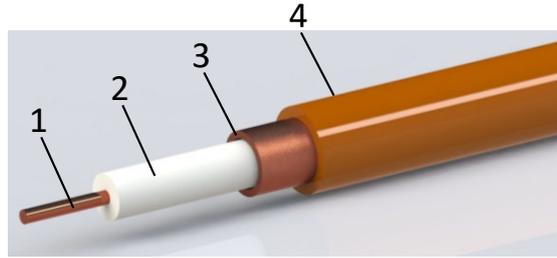
电容 (pF/m)	Capacitance (pF/m)	45
阻抗 (ohm)	Impedance (ohm)	93
速率 (%)	Velocity of Propagation (%)	82
最大工作电压 (kVrms)	Operating Voltage Max (KV rms)	3.0
最大工作频率 (MHz)	Operating Frequency Max (MHz)	1000

### 机械和环境性能 Mechanical & Environment Characteristics

工作温度范围 (°C)	Operating Temperature Range	-25 ~ +70
最小弯曲半径 (mm)	Minimum Bending Radius	45
环保 (RoHS)	RoHS	Compliant

### 衰减 Attenuation

频率Frequency (MHz)	衰减 Attenuation(dB/100Meter)
100	9.2
400	19.0
1000	31.2



### 结构参数 Construction Specification

项目Project	材料Material	直径 Diameter (mm)
1.内导体 Inner Conductor	镀银铜包钢线Copper Silver Plated Clad Steel	0.93
2.绝缘体 Dielectric	聚四氟乙烯 PTFE	3.00
3.外导体 Outer conductor	双层镀银铜线编织 Double Layer Copper Braid Silver Plated	Nom. 3.95
4.护套 Jacket	聚全氟乙丙烯 FEP	4.95

### 电性能参数 Electrical Characteristics

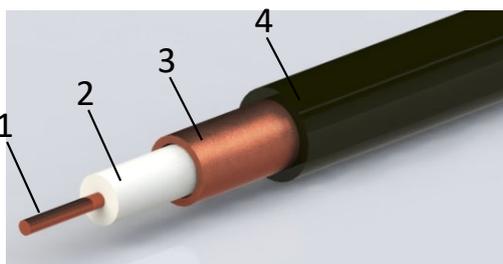
电容 (pF/m)	Capacitance (pF/m)	96.45
阻抗 (ohm)	Impedance (ohm)	50
速率 (%)	Velocity of Propagation (%)	70
最大工作电压 (kVrms)	Operating Voltage Max (KV rms)	1.4
最大工作频率 (GHz)	Operating Frequency Max (GHz)	12.4

### 机械和环境性能 Mechanical & Environment Characteristics

工作温度范围 (°C)	Operating Temperature Range	-55 ~ +200
最小弯曲半径 (mm)	Minimum Bending Radius	25
环保 (RoHS)	RoHS	Compliant

### 衰减 Attenuation

频率Frequency (MHz)	衰减 Attenuation(dB/100Meter)
100	12.5
400	25.6
1000	42.0
3000	78.1
5000	105



### 结构参数 Construction Specification

项目Project	材料Material	直径 Diameter (mm)
1.内导体 Inner Conductor	铜包钢线Copper Clad Steel	7*0.17
2.绝缘体 Dielectric	聚乙烯 PE	1.52
3.外导体 Outer conductor	镀锡铜线编织 Copper Wire Braid Tin Plated	Nom. 1.90
4.护套 Jacket	黑色聚氯乙烯 Black PVC	2.79

### 电性能参数 Electrical Characteristics

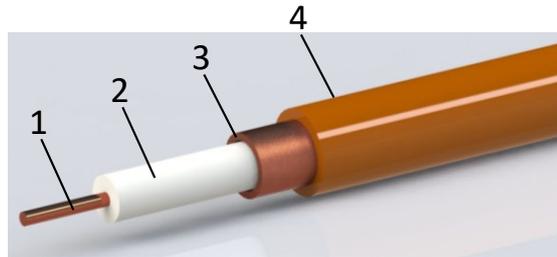
电容 (pF/m)	Capacitance (pF/m)	101.05
阻抗 (ohm)	Impedance (ohm)	50
速率 (%)	Velocity of Propagation (%)	66
最大工作电压 (kVrms)	Operating Voltage Max (KV rms)	1.1
最大工作频率 (MHz)	Operating Frequency Max (MHz)	1000

### 机械和环境性能 Mechanical & Environment Characteristics

工作温度范围 (°C)	Operating Temperature Range	-25 ~ +70
最小弯曲半径 (mm)	Minimum Bending Radius	10
环保 (RoHS)	RoHS	Compliant

### 衰减 Attenuation

频率Frequency (MHz)	衰减 Attenuation(dB/100Meter)
100	27.6
400	55.8
1000	89.9



### 结构参数 Construction Specification

项目Project	材料Material	直径 Diameter (mm)
1.内导体 Inner Conductor	镀银铜包钢线Copper Silver Plated Clad Steel	7*0.102
2.绝缘体 Dielectric	聚四氟乙烯 PTFE	0.86
3.外导体 Outer conductor	镀银铜线编织 Copper Braid Silver Plated	Nom. 1.30
4.护套 Jacket	聚全氟乙丙烯 FEP	1.83

### 电性能参数 Electrical Characteristics

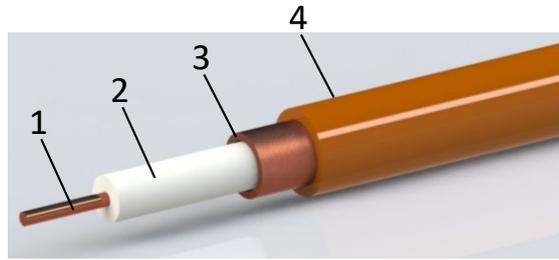
电容 (pF/m)	Capacitance (pF/m)	96.45
阻抗 (ohm)	Impedance (ohm)	50
速率 (%)	Velocity of Propagation (%)	70
最大工作电压(Vrms)	Operating Voltage Max (V rms)	750
最大工作频率 (MHz)	Operating Frequency Max (MHz)	3000

### 机械和环境性能 Mechanical & Environment Characteristics

工作温度范围 (°C)	Operating Temperature Range	-55 ~ +200
最小弯曲半径 (mm)	Minimum Bending Radius	10
环保 (RoHS)	RoHS	Compliant

### 衰减 Attenuation

频率Frequency (MHz)	衰减 Attenuation(dB/100Meter)
100	45.3
400	91.2
1000	145.7
3000	257.2



### 结构参数 Construction Specification

项目Project	材料Material	直径 Diameter (mm)
1.内导体 Inner Conductor	镀银铜包钢线Copper Silver Plated Clad Steel	7*0.102
2.绝缘体 Dielectric	聚全氟乙丙烯 FEP	0.88
3.外导体 Outer conductor	镀银铜线编织 Copper Braid Silver Plated	Nom. 1.30
4.护套 Jacket	聚全氟乙丙烯 FEP	1.83

### 电性能参数 Electrical Characteristics

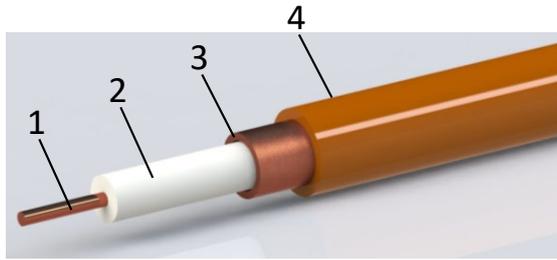
电容 (pF/m)	Capacitance (pF/m)	96.45
阻抗 (ohm)	Impedance (ohm)	50
速率 (%)	Velocity of Propagation (%)	70
最大工作电压(Vrms)	Operating Voltage Max (V rms)	750
最大工作频率 (MHz)	Operating Frequency Max (MHz)	3000

### 机械和环境性能 Mechanical & Environment Characteristics

工作温度范围 (°C)	Operating Temperature Range	-55 ~ +150
最小弯曲半径 (mm)	Minimum Bending Radius	10
环保 (RoHS)	RoHS	Compliant

### 衰减 Attenuation

频率Frequency (MHz)	衰减 Attenuation(dB/100Meter)
100	45.3
400	91.2
1000	146
3000	265



### 结构参数 Construction Specification

项目Project	材料Material	直径 Diameter (mm)
1.内导体 Inner Conductor	镀银铜包钢线Copper Silver Plated Clad Steel	7*0.102
2.绝缘体 Dielectric	聚四氟乙烯 PTFE	1.60
3.外导体 Outer conductor	镀银铜线编织 Copper Braid Silver Plated	Nom. 2.04
4.护套 Jacket	聚全氟乙丙烯 FEP	2.54

### 电性能参数 Electrical Characteristics

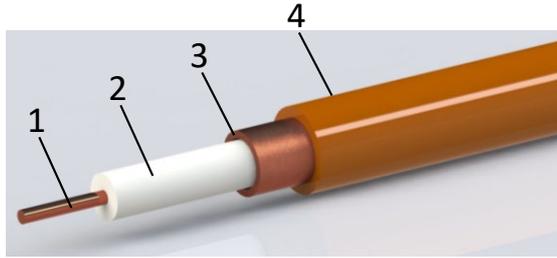
电容 (pF/m)	Capacitance (pF/m)	64
阻抗 (ohm)	Impedance (ohm)	75
速率 (%)	Velocity of Propagation (%)	70
最大工作电压(Vrms)	Operating Voltage Max (V rms)	900
最大工作频率 (MHz)	Operating Frequency Max (MHz)	3000

### 机械和环境性能 Mechanical & Environment Characteristics

工作温度范围 (°C)	Operating Temperature Range	-55 ~ +200
最小弯曲半径 (mm)	Minimum Bending Radius	10
环保 (RoHS)	RoHS	Compliant

### 衰减 Attenuation

频率Frequency (MHz)	衰减 Attenuation(dB/100Meter)
100	26.6
400	54.1
1000	86.9



### 结构参数 Construction Specification

项目Project	材料Material	直径 Diameter (mm)
1.内导体 Inner Conductor	镀银铜包钢线Copper Silver Plated Clad Steel	7*0.102
2.绝缘体 Dielectric	聚全氟乙丙烯 FEP	1.60
3.外导体 Outer conductor	镀银铜线编织 Copper Braid Silver Plated	Nom. 2.04
4.护套 Jacket	聚全氟乙丙烯 FEP	2.54

### 电性能参数 Electrical Characteristics

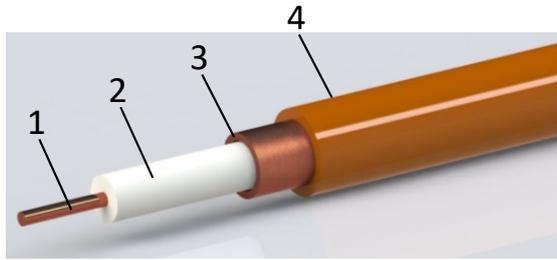
电容 (pF/m)	Capacitance (pF/m)	64
阻抗 (ohm)	Impedance (ohm)	75
速率 (%)	Velocity of Propagation (%)	70
最大工作电压(Vrms)	Operating Voltage Max (V rms)	900
最大工作频率 (MHz)	Operating Frequency Max (MHz)	3000

### 机械和环境性能 Mechanical & Environment Characteristics

工作温度范围 (°C)	Operating Temperature Range	-55 ~ +150
最小弯曲半径 (mm)	Minimum Bending Radius	10
环保 (RoHS)	RoHS	Compliant

### 衰减 Attenuation

频率Frequency (MHz)	衰减 Attenuation(dB/100Meter)
100	26.6
400	54.1
1000	87.5



### 结构参数 Construction Specification

项目Project	材料Material	直径 Diameter (mm)
1.内导体 Inner Conductor	镀银铜包钢线Copper Silver Plated Clad Steel	7*0.102
2.绝缘体 Dielectric	聚四氟乙烯 PTFE	1.60
3.外导体 Outer conductor	双层镀银铜线编织 Double Layer Copper Braid Silver Plated	Nom. 2.50
4.护套 Jacket	聚全氟乙丙烯 FEP	3.0

### 电性能参数 Electrical Characteristics

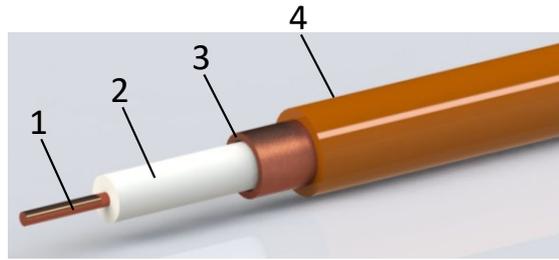
电容 (pF/m)	Capacitance (pF/m)	64
阻抗 (ohm)	Impedance (ohm)	75
速率 (%)	Velocity of Propagation (%)	70
最大工作电压(Vrms)	Operating Voltage Max (V rms)	900
最大工作频率 (MHz)	Operating Frequency Max (MHz)	3000

### 机械和环境性能 Mechanical & Environment Characteristics

工作温度范围 (°C)	Operating Temperature Range	-55 ~ +200
最小弯曲半径 (mm)	Minimum Bending Radius	10
环保 (RoHS)	RoHS	Compliant

### 衰减 Attenuation

频率Frequency (MHz)	衰减 Attenuation(dB/100Meter)
100	26.6
400	54.1
1000	86.9



### 结构参数 Construction Specification

项目Project	材料Material	直径 Diameter (mm)
1.内导体 Inner Conductor	镀银铜包钢线Copper Silver Plated Clad Steel	7*0.102
2.绝缘体 Dielectric	聚全氟乙丙烯 FEP	1.60
3.外导体 Outer conductor	双层镀银铜线编织 Double Layer Copper Braid Silver Plated	Nom. 2.50
4.护套 Jacket	聚全氟乙丙烯 FEP	3.0

### 电性能参数 Electrical Characteristics

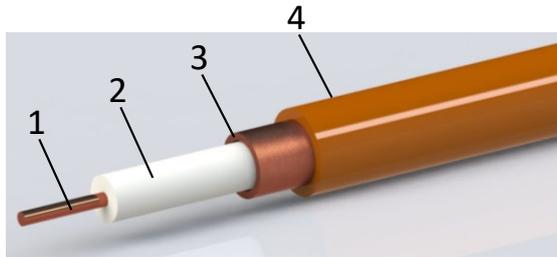
电容 (pF/m)	Capacitance (pF/m)	64
阻抗 (ohm)	Impedance (ohm)	75
速率 (%)	Velocity of Propagation (%)	70
最大工作电压(Vrms)	Operating Voltage Max (V rms)	900
最大工作频率 (MHz)	Operating Frequency Max (MHz)	3000

### 机械和环境性能 Mechanical & Environment Characteristics

工作温度范围 (°C)	Operating Temperature Range	-55 ~ +150
最小弯曲半径 (mm)	Minimum Bending Radius	10
环保 (RoHS)	RoHS	Compliant

### 衰减 Attenuation

频率Frequency (MHz)	衰减 Attenuation(dB/100Meter)
100	26.6
400	54.1
1000	87.5



### 结构参数 Construction Specification

项目Project	材料Material	直径 Diameter (mm)
1.内导体 Inner Conductor	镀银铜包钢线Copper Silver Plated Clad Steel	7*0.102
2.绝缘体 Dielectric	聚四氟乙烯 PTFE	2.59
3.外导体 Outer conductor	镀银铜线编织 Copper Braid Silver Plated	Nom. 3.00
4.护套 Jacket	聚全氟乙丙烯 FEP	3.56

### 电性能参数 Electrical Characteristics

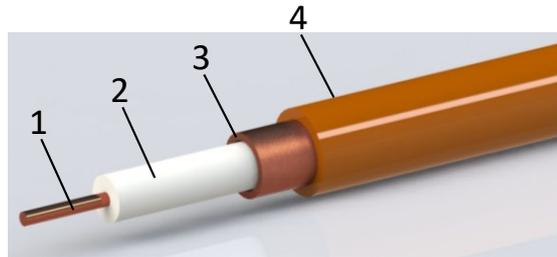
电容 (pF/m)	Capacitance (pF/m)	50.52
阻抗 (ohm)	Impedance (ohm)	95
速率 (%)	Velocity of Propagation (%)	70
最大工作电压(Vrms)	Operating Voltage Max (V rms)	1100
最大工作频率 (MHz)	Operating Frequency Max (MHz)	3000

### 机械和环境性能 Mechanical & Environment Characteristics

工作温度范围 (°C)	Operating Temperature Range	-55 ~ +200
最小弯曲半径 (mm)	Minimum Bending Radius	15
环保 (RoHS)	RoHS	Compliant

### 衰减 Attenuation

频率Frequency (MHz)	衰减 Attenuation(dB/100Meter)
100	20.7
400	42
1000	67.7



### 结构参数 Construction Specification

项目Project	材料Material	直径 Diameter (mm)
1.内导体 Inner Conductor	镀银铜包钢线Copper Silver Plated Clad Steel	7*0.102
2.绝缘体 Dielectric	聚四氟乙烯 PTFE	1.60
3.外导体 Outer conductor	镀银铜线编织 Copper Braid Silver Plated	Nom. 2.04
4.护套 Jacket	聚四氟乙烯 PTFE	2.67

### 电性能参数 Electrical Characteristics

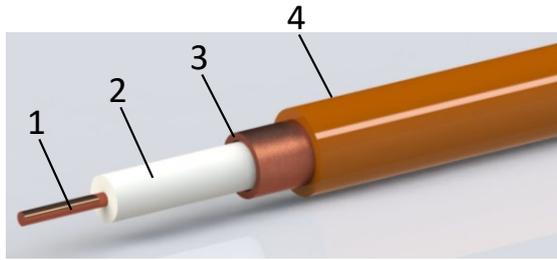
电容 (pF/m)	Capacitance (pF/m)	64
阻抗 (ohm)	Impedance (ohm)	75
速率 (%)	Velocity of Propagation (%)	70
最大工作电压(Vrms)	Operating Voltage Max (V rms)	1200
最大工作频率 (MHz)	Operating Frequency Max (MHz)	1000

### 机械和环境性能 Mechanical & Environment Characteristics

工作温度范围 (°C)	Operating Temperature Range	-55 ~ +250
最小弯曲半径 (mm)	Minimum Bending Radius	10
环保 (RoHS)	RoHS	Compliant

### 衰减 Attenuation

频率Frequency (MHz)	衰减 Attenuation(dB/100Meter)
100	26.6
400	54.1
1000	86.9



### 结构参数 Construction Specification

项目Project	材料Material	直径 Diameter (mm)
1.内导体 Inner Conductor	镀银铜包钢线Copper Silver Plated Clad Steel	7*0.17
2.绝缘体 Dielectric	聚四氟乙烯 PTFE	1.52
3.外导体 Outer conductor	镀银铜线编织 Copper Braid Silver Plated	Nom. 1.95
4.护套 Jacket	聚四氟乙烯 PTFE	2.67

### 电性能参数 Electrical Characteristics

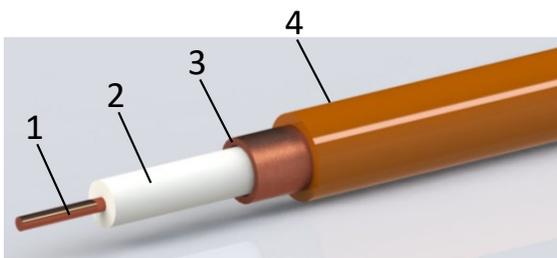
电容 (pF/m)	Capacitance (pF/m)	96.45
阻抗 (ohm)	Impedance (ohm)	50
速率 (%)	Velocity of Propagation (%)	70
最大工作电压(Vrms)	Operating Voltage Max (V rms)	1200
最大工作频率 (MHz)	Operating Frequency Max (MHz)	3000

### 机械和环境性能 Mechanical & Environment Characteristics

工作温度范围 (°C)	Operating Temperature Range	-55 ~ +250
最小弯曲半径 (mm)	Minimum Bending Radius	13
环保 (RoHS)	RoHS	Compliant

### 衰减 Attenuation

频率Frequency (MHz)	衰减 Attenuation(dB/100Meter)
100	26.2
400	53.1
1000	85.6
3000	153.2



### 结构参数 Construction Specification

项目Project	材料Material	直径 Diameter (mm)
1.内导体 Inner Conductor	镀银铜包钢线Copper Silver Plated Clad Steel	7*0.102
2.绝缘体 Dielectric	聚四氟乙烯 PTFE	2.59
3.外导体 Outer conductor	镀银铜线编织 Copper Braid Silver Plated	Nom. 3.00
4.护套 Jacket	聚四氟乙烯 PTFE	3.58

### 电性能参数 Electrical Characteristics

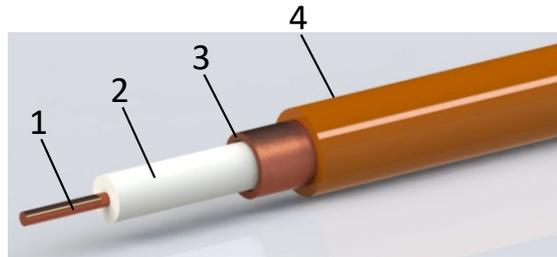
电容 (pF/m)	Capacitance (pF/m)	50.5
阻抗 (ohm)	Impedance (ohm)	95
速率 (%)	Velocity of Propagation (%)	70
最大工作电压(Vrms)	Operating Voltage Max (V rms)	1500
最大工作频率 (MHz)	Operating Frequency Max (MHz)	1000

### 机械和环境性能 Mechanical & Environment Characteristics

工作温度范围 (°C)	Operating Temperature Range	-55 ~ +250
最小弯曲半径 (mm)	Minimum Bending Radius	15
环保 (RoHS)	RoHS	Compliant

### 衰减 Attenuation

频率Frequency (MHz)	衰减 Attenuation(dB/100Meter)
100	20.7
400	42
1000	67.6



### 结构参数 Construction Specification

项目Project	材料Material	直径 Diameter (mm)
1.内导体 Inner Conductor	镀银铜包钢线Copper Silver Plated Clad Steel	7*0.102
2.绝缘体 Dielectric	聚四氟乙烯 PTFE	0.86
3.外导体 Outer conductor	镀银铜线编织 Copper Braid Silver Plated	Nom. 1.30
4.护套 Jacket	聚四氟乙烯 PTFE	1.71

### 电性能参数 Electrical Characteristics

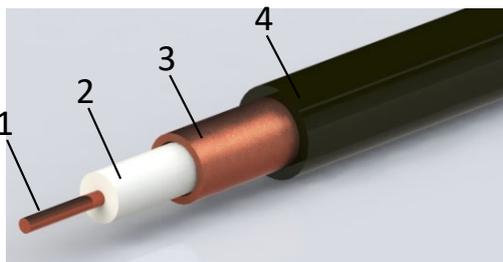
电容 (pF/m)	Capacitance (pF/m)	96.5
阻抗 (ohm)	Impedance (ohm)	50
速率 (%)	Velocity of Propagation (%)	70
最大工作电压(Vrms)	Operating Voltage Max (V rms)	1000
最大工作频率 (MHz)	Operating Frequency Max (MHz)	3000

### 机械和环境性能 Mechanical & Environment Characteristics

工作温度范围 (°C)	Operating Temperature Range	-55 ~ +250
最小弯曲半径 (mm)	Minimum Bending Radius	10
环保 (RoHS)	RoHS	Compliant

### 衰减 Attenuation

频率Frequency (MHz)	衰减 Attenuation(dB/100Meter)
100	45.3
400	91.2
1000	145.7
3000	257.2



### 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	7*0.752
2.绝缘体 Dielectric	聚乙烯 PE	7.24
3.外导体 Outer conductor	镀银铜线编织 Copper Braid Silver Plated	Nom. 7.85
4.护套 Jacket	黑色聚氯乙烯 Black PVC	10.30

### 电性能参数 Electrical Characteristics

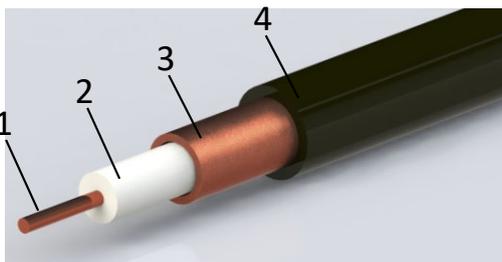
电容 (pF/m)	Capacitance (pF/m)	101.05
阻抗 (ohm)	Impedance (ohm)	50
速率 (%)	Velocity of Propagation (%)	66
最大工作电压(KVrms)	Operating Voltage Max (KV rms)	3.7
最大工作频率 (MHz)	Operating Frequency Max (MHz)	1000

### 机械和环境性能 Mechanical & Environment Characteristics

工作温度范围 (°C)	Operating Temperature Range	-25 ~ +70
最小弯曲半径 (mm)	Minimum Bending Radius	40
环保 (RoHS)	RoHS	Compliant

### 衰减 Attenuation

频率Frequency (MHz)	衰减 Attenuation(dB/100Meter)
100	6.6
400	14.1
1000	24



### 结构参数 Construction Specification

项目Project	材料Material	直径 Diameter (mm)
1.内导体 Inner Conductor	镀银铜线 Copper Silver Plated Wire	7*0.752
2.绝缘体 Dielectric	聚乙烯 PE	7.24
3.外导体 Outer conductor	双层镀银铜线编织 Double Layer Copper Braid Silver Plated	Nom. 8.40
4.护套 Jacket	黑色聚氯乙烯 Black PVC	10.80

### 电性能参数 Electrical Characteristics

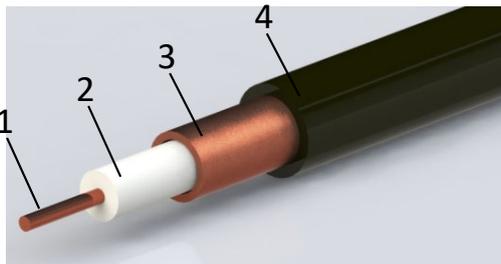
电容 (pF/m)	Capacitance (pF/m)	101.05
阻抗 (ohm)	Impedance (ohm)	50
速率 (%)	Velocity of Propagation (%)	66
最大工作电压(KVrms)	Operating Voltage Max (KV rms)	3.7
最大工作频率 (GHz)	Operating Frequency Max (GHz)	11

### 机械和环境性能 Mechanical & Environment Characteristics

工作温度范围 (°C)	Operating Temperature Range	-25 ~ +70
最小弯曲半径 (mm)	Minimum Bending Radius	40
环保 (RoHS)	RoHS	Compliant

### 衰减 Attenuation

频率Frequency (MHz)	衰减 Attenuation(dB/100Meter)
100	6.6
400	14.1
1000	24.0
3000	46.6
5000	64.6
11000	110.9



### 结构参数 Construction Specification

项目Project	材料Material	直径 Diameter (mm)
1.内导体 Inner Conductor	镀银铜线 Copper Silver Plated Wire	0.90
2.绝缘体 Dielectric	聚乙烯 PE	2.95
3.外导体 Outer conductor	双层镀银铜线编织 Double Layer Copper Braid Silver Plated	Nom. 3.95
4.护套 Jacket	黑色聚氯乙烯 Black PVC	5.30

### 电性能参数 Electrical Characteristics

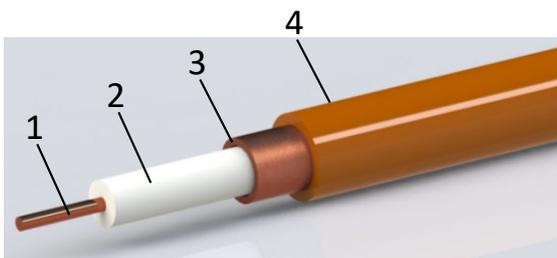
电容 (pF/m)	Capacitance (pF/m)	101.05
阻抗 (ohm)	Impedance (ohm)	50
速率 (%)	Velocity of Propagation (%)	66
最大工作电压(KVrms)	Operating Voltage Max (KV rms)	1.4
最大工作频率 (GHz)	Operating Frequency Max (GHz)	12.4

### 机械和环境性能 Mechanical & Environment Characteristics

工作温度范围 (°C)	Operating Temperature Range	-25 ~ +70
最小弯曲半径 (mm)	Minimum Bending Radius	25
环保 (RoHS)	RoHS	Compliant

### 衰减 Attenuation

频率Frequency (MHz)	衰减 Attenuation(dB/100Meter)
100	13.1
400	26.9
1000	44.0
3000	81.4
5000	109.9
11000	177.5



### 结构参数 Construction Specification

项目Project	材料Material	直径 Diameter (mm)
1.内导体 Inner Conductor	镀银铜包钢线Copper Silver Plated Clad Steel	0.64
2.绝缘体 Dielectric	聚四氟乙烯 PTFE	3.71
3.外导体 Outer conductor	镀银铜线编织 Copper Braid Silver Plated	Nom. 4.20
4.护套 Jacket	聚全氟乙丙烯 FEP	5.13

### 电性能参数 Electrical Characteristics

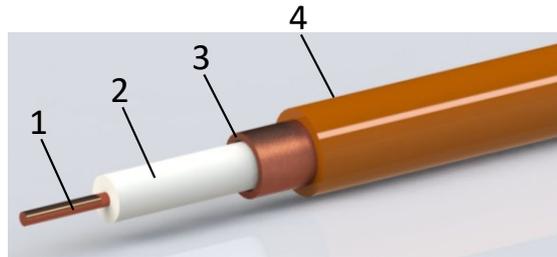
电容 (pF/m)	Capacitance (pF/m)	63.65
阻抗 (ohm)	Impedance (ohm)	75
速率 (%)	Velocity of Propagation (%)	70
最大工作电压(KVrms)	Operating Voltage Max (KV rms)	1.7
最大工作频率 (MHz)	Operating Frequency Max (MHz)	3000

### 机械和环境性能 Mechanical & Environment Characteristics

工作温度范围 (°C)	Operating Temperature Range	-55 ~ +200
最小弯曲半径 (mm)	Minimum Bending Radius	25
环保 (RoHS)	RoHS	Compliant

### 衰减 Attenuation

频率Frequency (MHz)	衰减 Attenuation(dB/100Meter)
100	10.5
400	21.7
1000	35.4
3000	66.6



### 结构参数 Construction Specification

项目Project	材料Material	直径 Diameter (mm)
1.内导体 Inner Conductor	镀银铜包钢线Copper Silver Plated Clad Steel	0.93
2.绝缘体 Dielectric	聚四氟乙烯 PTFE	3.00
3.外导体 Outer conductor	镀银铜线编织 Copper Braid Silver Plated	Nom. 3.50
4.护套 Jacket	聚全氟乙丙烯 FEP	4.32

### 电性能参数 Electrical Characteristics

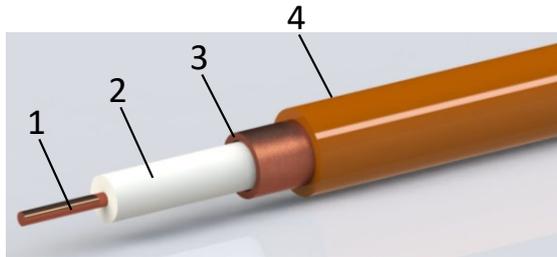
电容 (pF/m)	Capacitance (pF/m)	96.45
阻抗 (ohm)	Impedance (ohm)	50
速率 (%)	Velocity of Propagation (%)	70
最大工作电压(KVrms)	Operating Voltage Max (KV rms)	1.4
最大工作频率 (MHz)	Operating Frequency Max (MHz)	3000

### 机械和环境性能 Mechanical & Environment Characteristics

工作温度范围 (°C)	Operating Temperature Range	-55 ~ +200
最小弯曲半径 (mm)	Minimum Bending Radius	20
环保 (RoHS)	RoHS	Compliant

### 衰减 Attenuation

频率Frequency (MHz)	衰减 Attenuation(dB/100Meter)
100	12.5
400	25.6
1000	42.0
3000	78.1



### 结构参数 Construction Specification

项目Project	材料Material	直径 Diameter (mm)
1.内导体 Inner Conductor	镀银铜包钢线Copper Silver Plated Clad Steel	1.50
2.绝缘体 Dielectric	聚四氟乙烯 PTFE	4.70
3.外导体 Outer conductor	双层镀银铜线编织 Double Layer Copper Braid Silver Plated	Nom. 5.70
4.护套 Jacket	聚全氟乙丙烯 FEP	7.11

### 电性能参数 Electrical Characteristics

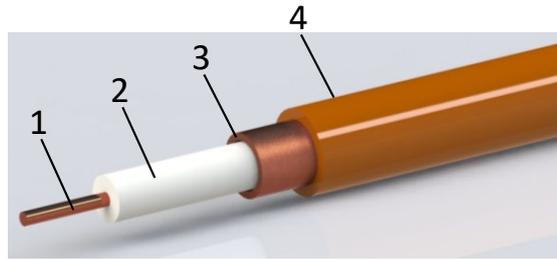
电容 (pF/m)	Capacitance (pF/m)	96.45
阻抗 (ohm)	Impedance (ohm)	50
速率 (%)	Velocity of Propagation (%)	70
最大工作电压(KVrms)	Operating Voltage Max (KV rms)	3.0
最大工作频率 (GHz)	Operating Frequency Max (GHz)	12.0

### 机械和环境性能 Mechanical & Environment Characteristics

工作温度范围 (°C)	Operating Temperature Range	-55 ~ +200
最小弯曲半径 (mm)	Minimum Bending Radius	36
环保 (RoHS)	RoHS	Compliant

### 衰减 Attenuation

频率Frequency (MHz)	衰减 Attenuation(dB/100Meter)
100	8.2
400	17.4
1000	28.9
3000	55.1
5000	75.5



### 结构参数 Construction Specification

项目Project	材料Material	直径 Diameter (mm)
1.内导体 Inner Conductor	镀银铜包钢线Copper Silver Plated Clad Steel	7*0.175
2.绝缘体 Dielectric	聚四氟乙烯 PTFE	1.52
3.外导体 Outer conductor	镀银铜线编织 Copper Braid Silver Plated	Nom. 1.95
4.护套 Jacket	聚全氟乙丙烯 FEP	2.50

### 电性能参数 Electrical Characteristics

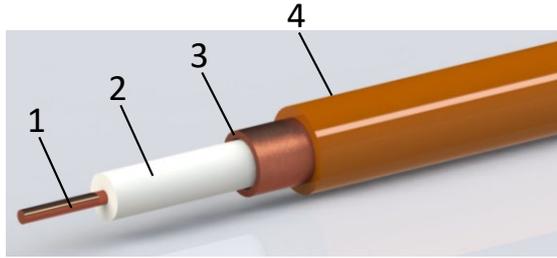
电容 (pF/m)	Capacitance (pF/m)	96.45
阻抗 (ohm)	Impedance (ohm)	50
速率 (%)	Velocity of Propagation (%)	70
最大工作电压(Vrms)	Operating Voltage Max (V rms)	1200
最大工作频率 (MHz)	Operating Frequency Max (MHz)	3000

### 机械和环境性能 Mechanical & Environment Characteristics

工作温度范围 (°C)	Operating Temperature Range	-55 ~ +200
最小弯曲半径 (mm)	Minimum Bending Radius	13
环保 (RoHS)	RoHS	Compliant

### 衰减 Attenuation

频率Frequency (MHz)	衰减 Attenuation(dB/100Meter)
100	26.2
400	53.1
1000	85.6
3000	153.2



### 结构参数 Construction Specification

项目Project	材料Material	直径 Diameter (mm)
1.内导体 Inner Conductor	镀银铜包钢线Copper Silver Plated Clad Steel	7*0.175
2.绝缘体 Dielectric	聚全氟乙丙烯 FEP	1.52
3.外导体 Outer conductor	镀银铜线编织 Copper Braid Silver Plated	Nom. 1.95
4.护套 Jacket	聚全氟乙丙烯 FEP	2.50

### 电性能参数 Electrical Characteristics

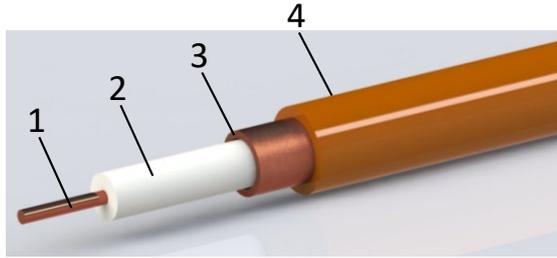
电容 (pF/m)	Capacitance (pF/m)	96.45
阻抗 (ohm)	Impedance (ohm)	50
速率 (%)	Velocity of Propagation (%)	70
最大工作电压(Vrms)	Operating Voltage Max (V rms)	1200
最大工作频率 (MHz)	Operating Frequency Max (MHz)	3000

### 机械和环境性能 Mechanical & Environment Characteristics

工作温度范围 (°C)	Operating Temperature Range	-55 ~ +150
最小弯曲半径 (mm)	Minimum Bending Radius	13
环保 (RoHS)	RoHS	Compliant

### 衰减 Attenuation

频率Frequency (MHz)	衰减 Attenuation(dB/100Meter)
100	26.2
400	53.1
1000	86.0
3000	165



### 结构参数 Construction Specification

项目Project	材料Material	直径 Diameter (mm)
1.内导体 Inner Conductor	镀银铜包钢线Copper Silver Plated Clad Steel	7*0.175
2.绝缘体 Dielectric	聚四氟乙烯 PTFE	1.52
3.外导体 Outer conductor	双层镀银铜线编织 Double Layer Copper Braid Silver Plated	Nom. 2.40
4.护套 Jacket	聚全氟乙丙烯 FEP	2.90

### 电性能参数 Electrical Characteristics

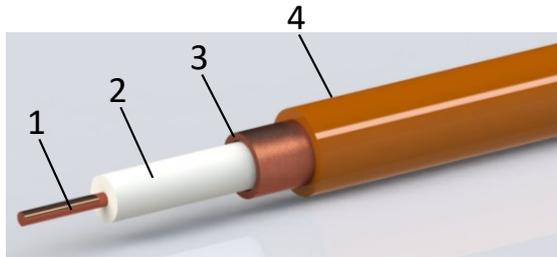
电容 (pF/m)	Capacitance (pF/m)	96.45
阻抗 (ohm)	Impedance (ohm)	50
速率 (%)	Velocity of Propagation (%)	70
最大工作电压(Vrms)	Operating Voltage Max (V rms)	1200
最大工作频率 (MHz)	Operating Frequency Max (MHz)	3000

### 机械和环境性能 Mechanical & Environment Characteristics

工作温度范围 (°C)	Operating Temperature Range	-55 ~ +200
最小弯曲半径 (mm)	Minimum Bending Radius	15
环保 (RoHS)	RoHS	Compliant

### 衰减 Attenuation

频率Frequency (MHz)	衰减 Attenuation(dB/100Meter)
100	26.2
400	53.1
1000	85.6
3000	153.2



### 结构参数 Construction Specification

项目Project	材料Material	直径 Diameter (mm)
1.内导体 Inner Conductor	镀银铜包钢线Copper Silver Plated Clad Steel	7*0.175
2.绝缘体 Dielectric	聚全氟乙丙烯 FEP	1.52
3.外导体 Outer conductor	双层镀银铜线编织 Double Layer Copper Braid Silver Plated	Nom. 2.40
4.护套 Jacket	聚全氟乙丙烯 FEP	2.90

### 电性能参数 Electrical Characteristics

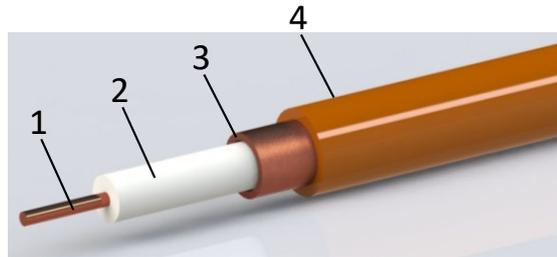
电容 (pF/m)	Capacitance (pF/m)	96.45
阻抗 (ohm)	Impedance (ohm)	50
速率 (%)	Velocity of Propagation (%)	70
最大工作电压(Vrms)	Operating Voltage Max (V rms)	1200
最大工作频率 (MHz)	Operating Frequency Max (MHz)	3000

### 机械和环境性能 Mechanical & Environment Characteristics

工作温度范围 (°C)	Operating Temperature Range	-55 ~ +150
最小弯曲半径 (mm)	Minimum Bending Radius	15
环保 (RoHS)	RoHS	Compliant

### 衰减 Attenuation

频率Frequency (MHz)	衰减 Attenuation(dB/100Meter)
100	26.2
400	53.1
1000	86
3000	165



### 结构参数 Construction Specification

项目Project	材料Material	直径 Diameter (mm)
1.内导体 Inner Conductor	镀银铜线Copper Silver Plated	7*0.792
2.绝缘体 Dielectric	聚四氟乙烯 PTFE	7.24
3.外导体 Outer conductor	双层镀银铜线编织 Double Layer Copper Braid Silver Plated	Nom. 8.50
4.护套 Jacket	聚全氟乙丙烯 FEP	9.91

### 电性能参数 Electrical Characteristics

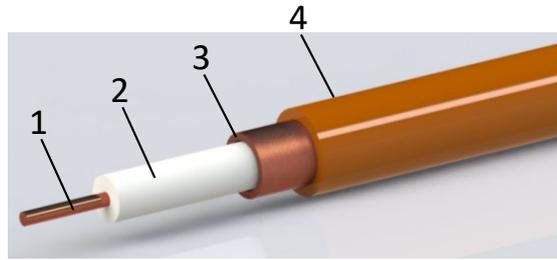
电容 (pF/m)	Capacitance (pF/m)	96.45
阻抗 (ohm)	Impedance (ohm)	50
速率 (%)	Velocity of Propagation (%)	70
最大工作电压(Vrms)	Operating Voltage Max (V rms)	1875
最大工作频率 (GHz)	Operating Frequency Max (GHz)	11.0

### 机械和环境性能 Mechanical & Environment Characteristics

工作温度范围 (°C)	Operating Temperature Range	-55 ~ +200
最小弯曲半径 (mm)	Minimum Bending Radius	51
环保 (RoHS)	RoHS	Compliant

### 衰减 Attenuation

频率Frequency (MHz)	衰减 Attenuation(dB/100Meter)
100	6.6
400	14.1
1000	23.6
3000	46.3
5000	64.0
11000	108.9



### 结构参数 Construction Specification

项目Project	材料Material	直径 Diameter (mm)
1.内导体 Inner Conductor	镀银铜线Copper Silver Plated	19*0.203
2.绝缘体 Dielectric	聚四氟乙烯 PTFE	2.95
3.外导体 Outer conductor	双层镀银铜线编织 Double Layer Copper Braid Silver Plated	Nom. 3.95
4.护套 Jacket	聚全氟乙丙烯 FEP	4.95

### 电性能参数 Electrical Characteristics

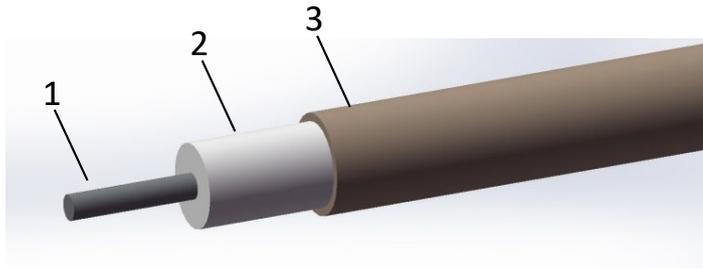
电容 (pF/m)	Capacitance (pF/m)	105
阻抗 (ohm)	Impedance (ohm)	50
速率 (%)	Velocity of Propagation (%)	70
最大工作电压(Vrms)	Operating Voltage Max (V rms)	1400
最大工作频率 (GHz)	Operating Frequency Max (GHz)	12.4

### 机械和环境性能 Mechanical & Environment Characteristics

工作温度范围 (°C)	Operating Temperature Range	-55 ~ +200
最小弯曲半径 (mm)	Minimum Bending Radius	25
环保 (RoHS)	RoHS	Compliant

### 衰减 Attenuation

频率Frequency (MHz)	衰减 Attenuation(dB/100Meter)
100	14.4
400	29.5
1000	48.2
3000	88.3
5000	118.4
11000	189.9



**结构参数 Construction Specification**

项目Project	材料Material	直径 Diameter (mm)
1.内导体 Inner Conductor	镀银铜 Silver Plated Copper	1.63
2.绝缘体 Dielectric	聚四氟乙烯 PTFE	5.31
3.外导体 Outer Conductor	无缝退火紫铜管 Copper Tube	6.35

**电性能参数 Electrical Characteristics**

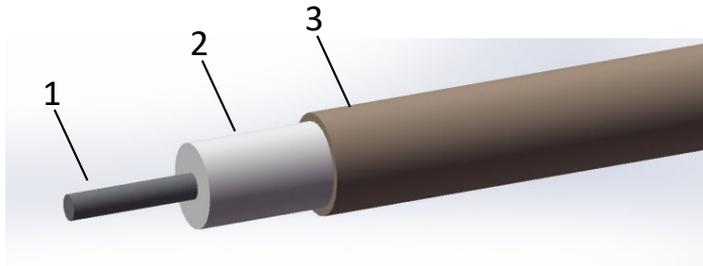
电容(pF/m)	Capacitance	95.1
阻抗(ohm)	Impedance	50
灭晕电压 (KVrms@60Hz)	Corona Extinction Voltage	3.0
承受电压 (KVrms@60Hz)	Voltage Withstanding	7.5
截止频率(GHz)	Cutoff Frequency	19

**机械性能参数 Mechanical Property Parameter**

最小弯曲半径 (mm)	Minimum Bending Radius	22.23
外导体承受温度 (°C)	Outer Conductor Bearing Temperature	175
工作温度范围 (°C)	Operating Temperature Range	-55至+125

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

频率Frequency GHz	衰减Attenuation $\geq$ dB/m	功率Power / Watts CW
0.5	0.15	1332.1
1.0	0.22	914.6
3.0	0.45	487.8
5.0	0.57	364.4
10.0	0.89	238.2



### 结构参数 Construction Specification

项目Project	材料Material	直径 Diameter (mm)
1.内导体 Inner Conductor	镀银铜包钢 Silver Plated Copper Clad Steel	0.93
2.绝缘体 Dielectric	聚四氟乙烯 PTFE	3.00
3.外导体 Outer Conductor	无缝退火紫铜管 Copper Tube	3.58

### 电性能参数 Electrical Characteristics

电容(pF/m)	Capacitance	95.1
阻抗(ohm)	Impedance	50
灭晕电压 (KVrms@60Hz)	Corona Extinction Voltage	1.9
承受电压 (KVrms@60Hz)	Voltage Withstanding	5.0
截止频率(GHz)	Cutoff Frequency	34

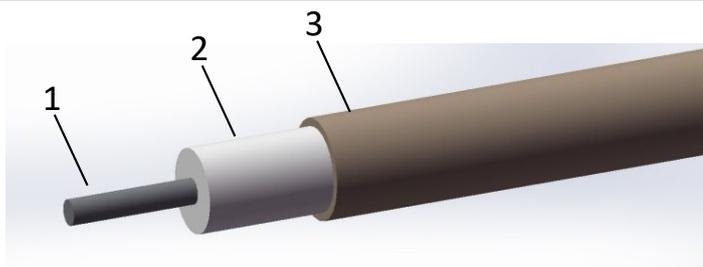
### 机械性能参数 Mechanical Property Parameter

最小弯曲半径 (mm)	Minimum Bending Radius	12.5
外导体承受温度 (°C)	Outer Conductor Bearing Temperature	175
工作温度范围 (°C)	Operating Temperature Range	-55至+125

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

频率Frequency GHz	衰减Attenuation $\geq$ dB/m	功率Power / Watts CW
0.5	0.26	600.5
1.0	0.37	417.5
3.0	0.72	231.9
5.0	0.91	174.4
10.0	1.36	117.5
20.0	2.10	77.9

RG 405



**结构参数 Construction Specification**

项目Project	材料Material	直径 Diameter (mm)
1.内导体 Inner Conductor	镀银铜包钢 Silver Plated Copper Clad Steel	0.51
2.绝缘体 Dielectric	聚四氟乙烯 PTFE	1.68
3.外导体 Outer Conductor	无缝退火紫铜管 Copper Tube	2.20

**电性能参数 Electrical Characteristics**

电容(pF/m)	Capacitance	95.1
阻抗(ohm)	Impedance	50
灭晕电压 (KVrms@60Hz)	Corona Extinction Voltage	1.5
承受电压 (KVrms@60Hz)	Voltage Withstanding	5.0
截止频率(GHz)	Cutoff Frequency	61

**机械性能参数 Mechanical Property Parameter**

最小弯曲半径 (mm)	Minimum Bending Radius	7.63
外导体承受温度 (°C)	Outer Conductor Bearing Temperature	175
工作温度范围 (°C)	Operating Temperature Range	-55至+125

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

频率Frequency GHz	衰减Attenuation $\geq$ dB/m	功率Power / Watts CW
0.5	0.45	232.0
1.0	0.64	162.4
3.0	1.26	86.4
5.0	1.51	69.8
10.0	2.22	47.9
20.0	3.29	32.6