50Ω coaxial cable Specifications			
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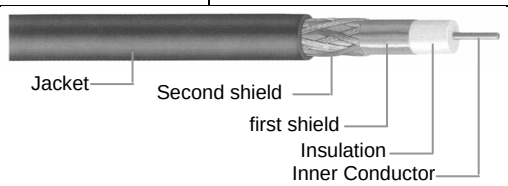

No.	Item		Unit	Specifications
1	Inner Conductor	Material	/	bare Copper
		Diameter	mm	0.94±0.01
2	Insulation	Material	/	Physical foamed PE
		Diameter	mm	2.79±0.10
3	Outer conductor	First shield	/	Bonded AL/PET/AL Tape (Diameter:2.95mm)
		Second shield	/	Tinned annealed copper wire
		Construction	mm	16×7/Φ0.12 , ρ≥90%
		Diameter	mm	3.53
4	Jacket	Material	/	PE or Flame Retardant PE
		Diameter	mm	4.95±0.15
		Thickness	mm	0.70
5	Impedance		Ω	50±1
6	Nominal Capacitance		PF/m	83.3
7	Inductance		μH/m	0.21
8	Maximum Frequency		GHz	41
9	DC breakdown(DC)		V	1000
10	Minimum bending radius	single	mm	12.7
		repeated	mm	50.8
11	Peak Power Rating		KW	2.5
12	Propagation velocity		%	80
13	Insulation resistance		MΩ•Km	>1×10^4
14	Shielding effectiveness		dB	>90
15	Conductor resistance (20°C)	Inner Conductor	Ω/km	24.94
		Outer Conductor	Ω/km	16.10
16	Nominal attenuation	30MHz	dB/100m	6.50
		50MHz	dB/100m	8.40
		150MHz	dB/100m	14.60
		220MHz	dB/100m	17.70
		450MHz	dB/100m	25.50
		900MHz	dB/100m	36.50
		1500MHz	dB/100m	47.70
		1800MHz	dB/100m	52.50
		2000MHz	dB/100m	55.40
		2500MHz	dB/100m	62.40
		Maximum attenuation value shall be 105% of the nominal attenuation value.		
17	Return loss	820~960MHz	dB	≥20
		1700~2200MHz	dB	≥20

50Ω coaxial cable Specifications			
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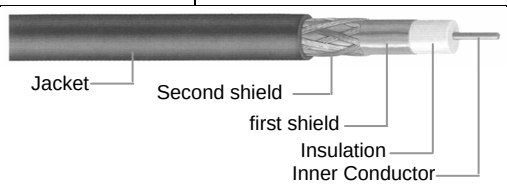

No.	Item		Unit	Specifications
1	Inner Conductor	Material	/	bare Copper
		Diameter	mm	1.12±0.02
2	Insulation	Material	/	Physical foamed PE
		Diameter	mm	2.95±0.10
3	Outer conductor	First shield	/	Bonded AL/PET/AL Tape (Diameter:3.07mm)
		Second shield	/	Tinned annealed copper wire
		Construction	mm	16×7/Φ0.12 , ρ≥90%
		Diameter	mm	3.66
4	Jacket	Material	/	PE or Flame Retardant PE
		Diameter	mm	4.95±0.15
		Thickness	mm	0.70
5	Impedance		Ω	50±1
6	Nominal Capacitance		PF/m	80.3
7	Inductance		μH/m	0.20
8	Maximum Frequency		GHz	39
9	DC breakdown(DC)		V	1000
10	Minimum bending radius	single	mm	12.7
		repeated	mm	50.8
11	Peak Power Rating		KW	2.5
12	Propagation velocity		%	83
13	Insulation resistance		MΩ•Km	>1×10^4
14	Shielding effectiveness		dB	>90
15	Conductor resistance (20°C)	Inner Conductor	Ω/km	17.60
		Outer Conductor	Ω/km	16.10
16	Nominal attenuation	30MHz	dB/100m	5.80
		50MHz	dB/100m	7.50
		150MHz	dB/100m	13.10
		220MHz	dB/100m	15.90
		450MHz	dB/100m	22.80
		900MHz	dB/100m	32.60
		1500MHz	dB/100m	42.40
		1800MHz	dB/100m	46.60
		2000MHz	dB/100m	49.30
		2500MHz	dB/100m	55.40
		Maximum attenuation value shall be 105% of the nominal attenuation value.		
17	Return loss	820~960MHz	dB	≥20
		1700~2200MHz	dB	≥20

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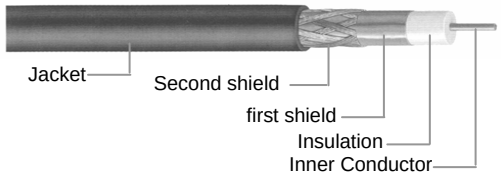

No.	Item		Unit	Specifications
1	Inner Conductor	Material	/	bare Copper
		Diameter	mm	1.42±0.02
2	Insulation	Material	/	Physical foamed PE
		Diameter	mm	3.81±0.20
3	Outer conductor	First shield	/	Bonded AL/PET/AL Tape (Diameter: 3.94mm)
		Second shield	/	Tinned annealed copper wire
		Construction	mm	16×7 /Φ0.16, ρ≥90%
		Diameter	mm	4.52
4	Jacket	Material	/	PE or Flame Retardant PE
		Diameter	mm	6.10±0.20
		Thickness	mm	0.80
5	Impedance		Ω	50±1
6	Nominal Capacitance		PF/m	79.4
7	Inductance		μH/m	0.20
8	Maximum Frequency		GHz	31
9	DC breakdown(DC)		V	1500
10	Minimum bending radius	single	mm	19.10
		repeated	mm	63.50
11	Peak Power Rating		KW	5.6
12	Propagation velocity		%	84
13	Insulation resistance		MΩ•Km	>1×10^4
14	Shielding effectiveness		dB	>90
15	Conductor resistance (20°C)	Inner Conductor	Ω/km	10.50
		Outer Conductor	Ω/km	12.80
16	Nominal attenuation	30MHz	dB/100m	4.4
		50MHz	dB/100m	5.7
		150MHz	dB/100m	9.9
		220MHz	dB/100m	12.0
		450MHz	dB/100m	17.3
		900MHz	dB/100m	24.8
		1500MHz	dB/100m	32.4
		1800MHz	dB/100m	35.6
		2000MHz	dB/100m	37.7
		2500MHz	dB/100m	42.4
		Maximum attenuation value shall be 105% of the nominal attenuation value.		
17	Return loss	820~960MHz	dB	≥20
		1700~2200MHz	dB	≥20

50Ω coaxial cable Specifications			
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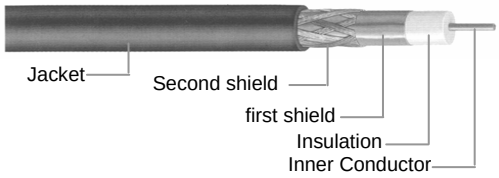

No.	Item		Unit	Specifications
1	Inner Conductor	Material	/	bare Copper
		Diameter	mm	1.78±0.02
2	Insulation	Material	/	Physical foamed PE
		Diameter	mm	4.83±0.20
3	Outer conductor	First shield	/	Bonded AL/PET/AL Tape (Diameter: 4.98mm)
		Second shield	/	Tinned annealed copper wire
		Construction	mm	16×8/Φ0.16, ρ≥90%
		Diameter	mm	5.72
4	Jacket	Material	/	PE or Flame Retardant PE
		Diameter	mm	7.62±0.20
		Thickness	mm	0.95
5	Impedance		Ω	50±1
6	Nominal Capacitance		PF/m	78.4
7	Inductance		μH/m	0.20
8	Maximum Frequency		GHz	24.5
9	DC breakdown(DC)		V	2000
10	Minimum bending radius	single	mm	22.2
		repeated	mm	76.2
11	Peak Power Rating		KW	10
12	Propagation velocity		%	85
13	Insulation resistance		MΩ•Km	>1×10^4
14	Shielding effectiveness		dB	>90
15	Conductor resistance (20°C)	Inner Conductor	Ω/km	7.00
		Outer Conductor	Ω/km	7.30
16	Nominal attenuation	30MHz	dB/100m	3.50
		50MHz	dB/100m	4.50
		150MHz	dB/100m	7.90
		220MHz	dB/100m	9.60
		450MHz	dB/100m	13.80
		900MHz	dB/100m	19.90
		1500MHz	dB/100m	26.00
		1800MHz	dB/100m	28.70
		2000MHz	dB/100m	30.30
		2500MHz	dB/100m	34.20
		Maximum attenuation value shall be 105% of the nominal attenuation value.		
17	Return loss	820~960MHz	dB	≥20
		1700~2200MHz	dB	≥20

50Ω coaxial cable Specifications			
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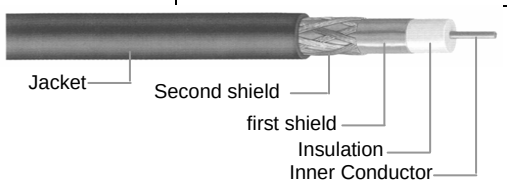
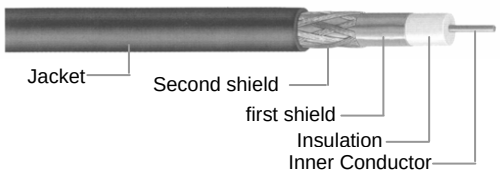
HS-400



No.	Item		Unit	Specifications
1	Inner Conductor	Material	/	Copper clad Aluminum
		Diameter	mm	2.74±0.025
2	Insulation	Material	/	Physical foamed PE
		Diameter	mm	7.24±0.20
3	Outer conductor	First shield	/	Bonded AL/PET/AL Tape (Diameter: 7.39mm)
		Second shield	/	Tinned annealed copper wire
		Construction	mm	24×7/Φ0.16 , ρ≥90%
		Diameter	mm	8.13
4	Jacket	Material	/	PE or Flame Retardant PE
		Diameter	mm	10.29±0.20
		Thickness	mm	1.06
5	Impedance		Ω	50±1
6	Nominal Capacitance		PF/m	78.40
7	Inductance		μH/m	0.20
8	Maximum Frequency		GHz	16.2
9	DC breakdown(DC)		V	2500
10	Minimum bending radius	single	mm	25.4
		repeated	mm	101.6
11	Peak Power Rating		KW	16
12	Propagation velocity		%	85
13	Insulation resistance		MΩ•Km	>1×10^4
14	Shielding effectiveness		dB	>90
15	Conductor resistance (20°C)	Inner Conductor	Ω/km	4.60
		Outer Conductor	Ω/km	5.40
16	Nominal attenuation	30MHz	dB/100m	2.20
		50MHz	dB/100m	2.90
		150MHz	dB/100m	5.00
		220MHz	dB/100m	6.10
		450MHz	dB/100m	8.90
		900MHz	dB/100m	12.80
		1500MHz	dB/100m	16.80
		1800MHz	dB/100m	18.60
		2000MHz	dB/100m	19.60
		2500MHz	dB/100m	22.20
		Maximum attenuation value shall be 105% of the nominal attenuation value.		
17	Return loss	820~960MHz	dB	≥20
		1700~2200MHz	dB	≥20

HS-500



No.	Item		Unit	Specifications
1	Inner Conductor	Material	/	Copper Clad Aluminum
		Diameter	mm	3.61±0.03
2	Insulation	Material	/	Physical foamed PE
		Diameter	mm	9.40±0.25
3	Outer conductor	First shield	/	Bonded AL/PET/AL Tape (Diameter: 9.55mm)
		Second shield	/	Tinned annealed copper wire
		Construction	mm	24×8.5/Φ0.16 , ρ≥90%
		Diameter	mm	10.29
4	Jacket	Material	/	PE or Flame Retardant PE
		Diameter	mm	12.70±0.20
		Thickness	mm	1.20
5	Impedance		Ω	50±1
6	Nominal Capacitance		PF/m	77.5
7	Inductance		μH/m	0.19
8	Maximum Frequency		GHz	12.6
9	DC breakdown		V	3000
10	Minimum bending radius	single	mm	31.8
		repeated	mm	127.0
11	Peak Power Rating		KW	22
12	Propagation velocity		%	86
13	Insulation resistance		MΩ•Km	>1×10^4
14	Shielding effectiveness		dB	>90
15	Conductor resistance (20°C)	Inner Conductor	Ω/km	2.70
		Outer Conductor	Ω/km	4.20
16	Nominal attenuation	30MHz	dB/100m	1.80
		50MHz	dB/100m	2.30
		150MHz	dB/100m	4.00
		220MHz	dB/100m	4.90
		450MHz	dB/100m	7.10
		900MHz	dB/100m	10.30
		1500MHz	dB/100m	13.60
		1800MHz	dB/100m	15.00
		2000MHz	dB/100m	15.90
		2500MHz	dB/100m	18.00
		Maximum attenuation value shall be 105% of the nominal attenuation value.		
17	Return loss	820~960MHz	dB	≥20
		1700~2200MHz	dB	≥20

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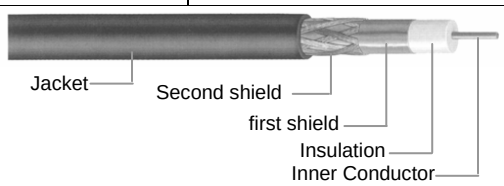

No.	Item		Unit	Specifications
1	Inner Conductor	Material	/	Copper Clad Aluminum
		Diameter	mm	4.47±0.05
2	Insulation	Material	/	Physical foamed PE
		Diameter	mm	11.56±0.25
3	Outer conductor	First shield	/	Bonded AL/PET/AL Tape (Diameter: 11.71mm)
		Second shield	/	Tinned annealed copper wire
		Construction	mm	24×9/Φ0.16 , ρ≥90%
		Diameter	mm	12.45
4	Jacket	Material	/	PE or Flame Retardant PE
		Diameter	mm	14.99±0.20
		Thickness	mm	1.30
5	Impedance		Ω	50±1
6	Nominal Capacitance		PF/m	76.6
7	Inductance		μH/m	0.19
8	Maximum Frequency		GHz	10.30
9	DC breakdown		V	4000
10	Minimum bending radius	single	mm	38.1
		repeated	mm	152.4
11	Peak Power Rating		KW	40
12	Propagation velocity		%	87
13	Insulation resistance		MΩ•Km	>1×10^4
14	Shielding effectiveness		dB	>90
15	Conductor resistance (20°C)	Inner Conductor	Ω/km	1.70
		Outer Conductor	Ω/km	3.90
16	Nominal attenuation	30MHz	dB/100m	1.40
		50MHz	dB/100m	1.80
		150MHz	dB/100m	3.20
		220MHz	dB/100m	3.90
		450MHz	dB/100m	5.60
		900MHz	dB/100m	8.20
		1500MHz	dB/100m	10.90
		1800MHz	dB/100m	12.10
		2000MHz	dB/100m	12.80
		2500MHz	dB/100m	14.50
		Maximum attenuation value shall be 105% of the nominal attenuation value.		
17	Return loss	820~960MHz	dB	≥20
		1700~2200MHz	dB	≥20