



Low Loss Cable

Good quality & Good service based on reasonable prices.

- + OEM customized production according to your requirements.
- + Standardized products and services according to our own brand.



LLC 100 BC

Construction Parameters:

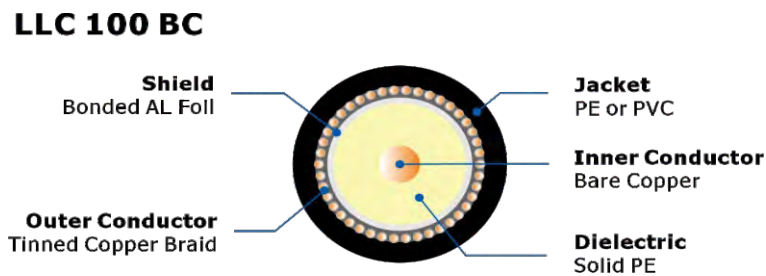
Inner Conductor	0.46mm Bare Copper
Dielectric	1.52mm Solid PE
Shield	Bonded AL Foil
Outer Conductor	Nom. 2.11mm Tinned Copper Braid
Jacket	2.79mm PE Black
Marking	HELLOSIGNAL LLC 100 50 Ohm COAXIAL CABLE xxxM

Electrical Characteristics:

Capacitance	101.1 pF/m
Impedance	50 Ω
Velocity of Propagation	66%
Insulation Resistance	>5000 M Ω .km
Shielding Effectiveness	> 90 dB
Inner Conductor DC Resistance	266 Ω /km
Outer Conductor DC Resistance	31.2 Ω /km
VSWR ≤ (Return loss≥dB)	
5-3000MHz	1.20 (20)
800-1000MHz	1.10 (26)
1700-2000MHz	1.15 (23)
2000-2400MHz	1.15 (23)



Cross Section:



Mechanical and Environmental Properties:

Cable Bend Radius	14mm
Operating Temperature Range	-40 °C to +85°C
Cable Dimensions	2.79mm

Attenuation(20 °C):

Frequency (MHZ)	Max Attenuation(dB/100m)	Avg.Power(KW)
30	12.90	0.23
50	16.70	0.18
150	29.40	0.10
220	35.80	0.08
450	51.90	0.06
900	74.90	0.05
1500	98.70	0.04
1800	109.00	0.03
2000	115.50	0.03
2500	130.60	0.02
3000	143.80	0.02
5800	210.30	0.01



LLC 195 BC

Construction Parameters:

Inner Conductor	0.94mm Bare Copper
Dielectric	2.79mm Foamed PE
Shield	Bonded AL Foil
Outer Conductor	Nom. 3.53mm Tinned Copper Braid
Jacket	4.95mm PE Black
Marking	HELLOSIGNAL LLC 195 50 Ohm COAXIAL CABLE xxxM

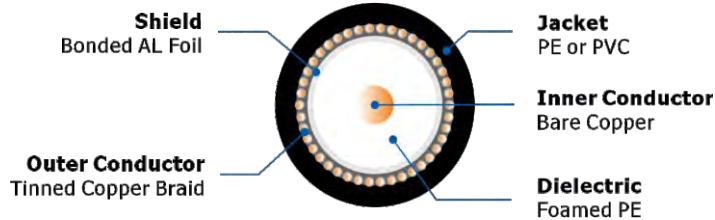
Electrical Characteristics:

Capacitance	79.7 pF/m
Impedance	50 Ω
Velocity of Propagation	76%
Insulation Resistance	>5000 M Ω .km
Shielding Effectiveness	> 90 dB
Inner Conductor DC Resistance	24.94 Ω /km
Outer Conductor DC Resistance	16.08 Ω /km
VSWR ≤ (Return loss≥dB)	
5-3000MHz	1.20 (20)
800-1000MHz	1.10 (26)
1700-2000MHz	1.15 (23)
2000-2400MHz	1.15 (23)



Cross Section:

LLC 195 BC



Mechanical and Environmental Properties:

Cable Bend Radius	25mm
Operating Temperature Range	-40 °C to +85°C
Cable Dimensions	4.95mm

Attenuation(20 °C):

Frequency (MHZ)	Max Attenuation(dB/100m)	Avg.Power(KW)
30	6.50	0.78
50	8.40	0.60
150	14.60	0.35
220	17.70	0.29
450	25.60	0.20
900	36.50	0.14
1500	47.70	0.11
1800	52.50	0.10
2000	55.50	0.09
2500	62.40	0.08
3000	67.50	0.08
5800	93.00	0.05



LLC 200 BC

Construction Parameters:

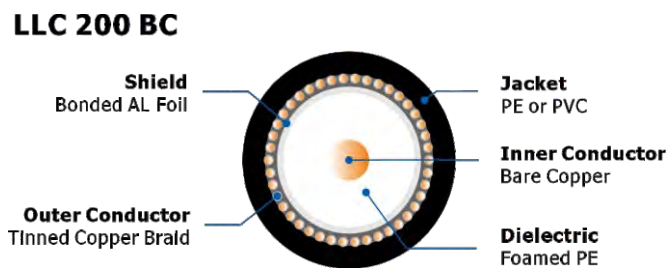
Inner Conductor	1.12mm Bare Copper
Dielectric	2.95mm Foamed PE
Shield	Bonded AL Foil
Outer Conductor	Nom. 3.66mm Tinned Copper Braid
Jacket	5.00mm PE Black
Marking	HELLOSIGNAL LLC 200 50 Ohm COAXIAL CABLE xxxM

Electrical Characteristics:

Capacitance	80.4 pF/m
Impedance	50 Ω
Velocity of Propagation	83%
Insulation Resistance	>5000 M Ω .km
Shielding Effectiveness	> 90 dB
Inner Conductor DC Resistance	17.59 Ω /km
Outer Conductor DC Resistance	16.08 Ω /km
VSWR ≤ (Return loss≥dB)	
5-3000MHz	1.20 (20)
800-1000MHz	1.10 (26)
1700-2000MHz	1.15 (23)
2000-2400MHz	1.15 (23)



Cross Section:



Mechanical and Environmental Properties:

Cable Bend Radius	25mm
Operating Temperature Range	-40 °C to +85°C
Cable Dimensions	5.00mm

Attenuation(20 °C):

Frequency (MHZ)	Max Attenuation(dB/100m)	Avg.Power(KW)
30	5.80	0.91
50	7.50	0.70
150	13.10	0.40
220	15.90	0.33
450	22.80	0.23
900	32.60	0.16
1500	42.40	0.12
1800	46.60	0.11
2000	49.30	0.11
2500	55.40	0.10
3000	60.20	0.09
5800	86.50	0.06



LLC 240 BC

Construction Parameters:

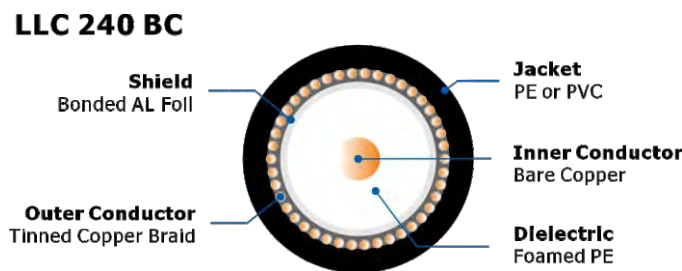
Inner Conductor	1.42mm Bare Copper
Dielectric	3.81mm Foamed PE
Shield	Bonded AL Foil
Outer Conductor	Nom. 4.52mm Tinned Copper Braid
Jacket	6.10mm PE Black
Marking	HELLOSIGNAL LLC 240 50 Ohm COAXIAL CABLE xxxM

Electrical Characteristics:

Capacitance	79.4 pF/m
Impedance	50 Ω
Velocity of Propagation	83%
Insulation Resistance	>5000 M Ω .km
Shielding Effectiveness	> 90 dB
Inner Conductor DC Resistance	10.50 Ω /km
Outer Conductor DC Resistance	12.76 Ω /km
VSWR ≤ (Return loss≥dB)	
5-3000MHz	1.20 (20)
800-1000MHz	1.10 (26)
1700-2000MHz	1.15 (23)
2000-2400MHz	1.15 (23)



Cross Section:



Mechanical and Environmental Properties:

Cable Bend Radius	30mm
Operating Temperature Range	-40 °C to +85°C
Cable Dimensions	6.10mm

Attenuation(20 °C):

Frequency (MHZ)	Max Attenuation(dB/100m)	Avg.Power(KW)
30	4.40	1.30
50	5.70	1.00
150	9.90	0.58
220	12.00	0.48
450	17.30	0.33
900	24.80	0.23
1500	32.40	0.18
1800	35.60	0.16
2000	37.70	0.15
2500	42.40	0.13
3000	46.50	0.12
5800	66.80	0.09



LLC 300 BC

Construction Parameters:

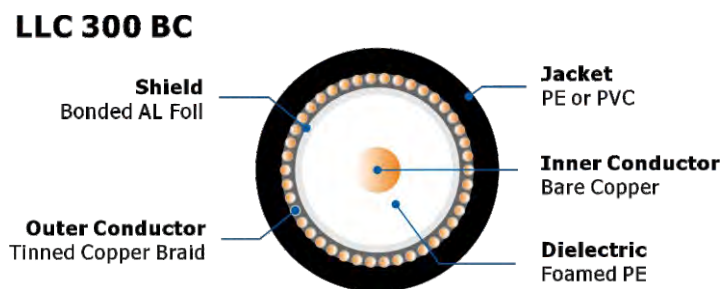
Inner Conductor	1.78mm Bare Copper
Dielectric	4.85mm Foamed PE
Shield	Bonded AL Foil
Outer Conductor	Nom. 5.72mm Tinned Copper Braid
Jacket	7.62mm PE Black
Marking	HELLOSIGNAL LLC 300 50 Ohm COAXIAL CABLE xxxM

Electrical Characteristics:

Capacitance	78.8 pF/m
Impedance	50 Ω
Velocity of Propagation	83%
Insulation Resistance	>5000 M Ω .km
Shielding Effectiveness	> 90 dB
Inner Conductor DC Resistance	6.96 Ω /km
Outer Conductor DC Resistance	7.25 Ω /km
VSWR ≤ (Return loss≥dB)	
5-3000MHz	1.20 (20)
800-1000MHz	1.10 (26)
1700-2000MHz	1.15 (23)
2000-2400MHz	1.15 (23)



Cross Section:



Mechanical and Environmental Properties:

Cable Bend Radius	38mm
Operating Temperature Range	-40 °C to +85°C
Cable Dimensions	7.62mm

Attenuation(20 °C):

Frequency (MHZ)	Max Attenuation(dB/100m)	Avg.Power(KW)
30	3.50	1.78
50	4.50	1.38
150	7.90	0.79
220	9.60	0.65
450	13.80	0.45
900	19.90	0.31
1500	26.00	0.24
1800	28.70	0.22
2000	30.30	0.21
2500	34.20	0.18
3000	37.50	0.17
5800	54.30	0.11



LLC 300 CCA

Construction Parameters:

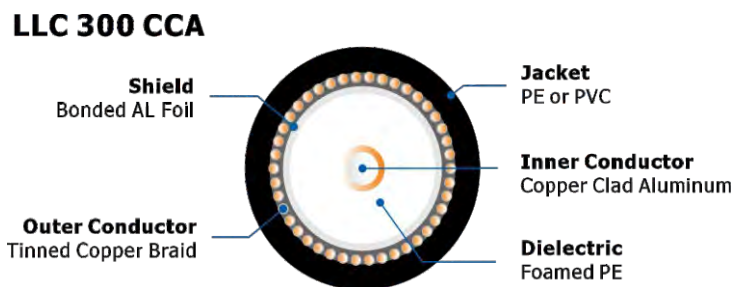
Inner Conductor	1.78mm Copper Clad Aluminum
Dielectric	4.83mm Foamed PE
Shield	Bonded AL Foil
Outer Conductor	Nom. 5.72mm Tinned Copper Braid
Jacket	7.62mm PE Black
Marking	HELLOSIGNAL LLC 300 50 Ohm COAXIAL CABLE xxxM

Electrical Characteristics:

Capacitance	78.8 pF/m
Impedance	50 Ω
Velocity of Propagation	83%
Insulation Resistance	>5000 M Ω .km
Shielding Effectiveness	> 90 dB
Inner Conductor DC Resistance	6.96 Ω /km
Outer Conductor DC Resistance	7.25 Ω /km
VSWR ≤ (Return loss≥dB)	
5-3000MHz	1.20 (20)
800-1000MHz	1.10 (26)
1700-2000MHz	1.15 (23)
2000-2400MHz	1.15 (23)



Cross Section:



Mechanical and Environmental Properties:

Cable Bend Radius	38mm
Operating Temperature Range	-40 °C to +85°C
Cable Dimensions	7.62mm

Attenuation(20 °C):

Frequency (MHZ)	Max Attenuation(dB/100m)	Avg.Power(KW)
30	3.50	1.78
50	4.50	1.38
150	7.90	0.79
220	9.60	0.65
450	13.80	0.45
900	19.90	0.31
1500	26.00	0.24
1800	28.70	0.22
2000	30.30	0.21
2500	34.20	0.18
3000	37.50	0.17
5800	54.30	0.11



LLC 400 CCA

Construction Parameters:

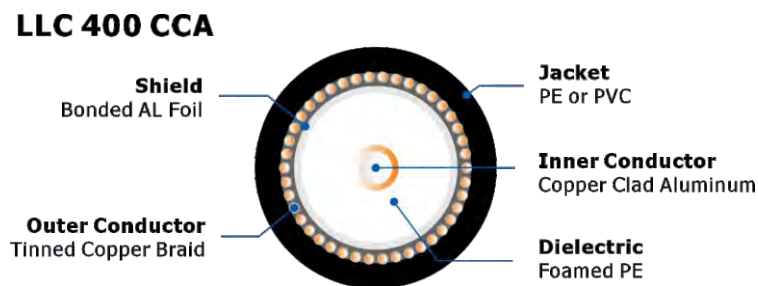
Inner Conductor	2.74mm Copper Clad Aluminium
Dielectric	7.25mm Foamed PE
Shield	Bonded AL Foil
Outer Conductor	Nom. 8.13mm Tinned Copper Braid
Jacket	10.29mm PE Black
Marking	HELLOSIGNAL LLC 400 50 Ohm COAXIAL CABLE xxxM

Electrical Characteristics:

Capacitance	77.1 pF/m
Impedance	50 Ω
Velocity of Propagation	85%
Insulation Resistance	>5000 M Ω .km
Shielding Effectiveness	> 90 dB
Inner Conductor DC Resistance	2.92 Ω /km
Outer Conductor DC Resistance	5.41 Ω /km
VSWR ≤ (Return loss≥dB)	
5-3000MHz	1.20 (20)
800-1000MHz	1.10 (26)
1700-2000MHz	1.15 (23)
2000-2400MHz	1.15 (23)



Cross Section:



Mechanical and Environmental Properties:

Cable Bend Radius	51mm
Operating Temperature Range	-40 °C to +85°C
Cable Dimensions	10.29mm

Attenuation(20 °C):

Frequency (MHZ)	Max Attenuation(dB/100m)	Avg.Power(KW)
30	2.20	2.91
50	2.90	2.21
150	5.00	1.28
220	6.10	1.05
450	8.90	0.72
900	12.80	0.50
1500	16.80	0.38
1800	18.60	0.34
2000	19.60	0.33
2500	22.20	0.29
3000	24.80	0.26
5800	35.50	0.18



LLC 500 CCA

Construction Parameters:

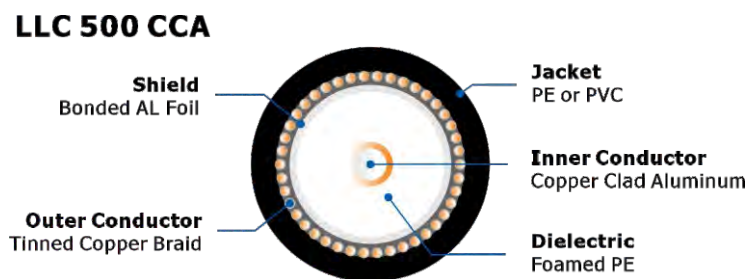
Inner Conductor	3.61mm Copper Clad Aluminium
Dielectric	9.40mm Foamed PE
Shield	Bonded AL Foil
Outer Conductor	Nom. 10.29mm Tinned Copper Braid
Jacket	12.70mm PE Black
Marking	HELLOSIGNAL LLC 500 50 Ohm COAXIAL CABLE xxxM

Electrical Characteristics:

Capacitance	77.1 pF/m
Impedance	50 Ω
Velocity of Propagation	86%
Insulation Resistance	>5000 M Ω .km
Shielding Effectiveness	> 90 dB
Inner Conductor DC Resistance	1.68 Ω /km
Outer Conductor DC Resistance	4.17 Ω /km
VSWR ≤ (Return loss≥dB)	
5-3000MHz	1.20 (20)
800-1000MHz	1.10 (26)
1700-2000MHz	1.15 (23)
2000-2400MHz	1.15 (23)



Cross Section:



Mechanical and Environmental Properties:

Cable Bend Radius	64mm
Operating Temperature Range	-40 °C to +85 °C
Cable Dimensions	12.70mm

Attenuation(20 °C):

Frequency (MHZ)	Max Attenuation(dB/100m)	Avg.Power(KW)
30	1.80	2.72
50	2.30	2.13
150	4.00	1.22
220	4.90	1.00
450	7.10	0.69
900	10.30	0.48
1500	13.60	0.36
1800	15.00	0.33
2000	15.90	0.31
2500	18.00	0.27
3000	19.70	0.25
5800	29.10	0.17



LLC 600 CCA

Construction Parameters:

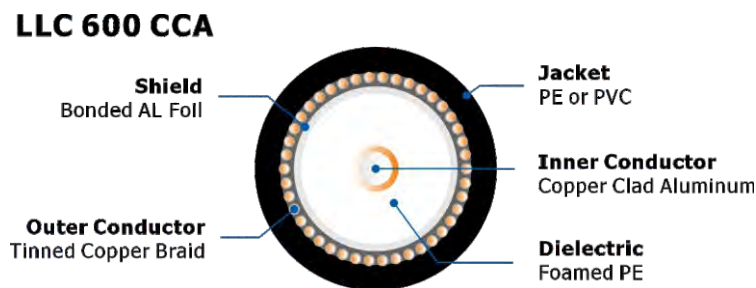
Inner Conductor	4.47mm Copper Clad Aluminium
Dielectric	11.56mm Foamed PE
Shield	Bonded AL Foil
Outer Conductor	Nom. 12.45mm Tinned Copper Braid
Jacket	14.99mm PE Black
Marking	HELLOSIGNAL LLC 600 50 Ohm COAXIAL CABLE xxxM

Electrical Characteristics:

Capacitance	76.8 pF/m
Impedance	50 Ω
Velocity of Propagation	86
Insulation Resistance	>5000 M Ω .km
Shielding Effectiveness	> 90 dB
Inner Conductor DC Resistance	1.09 Ω /km
Outer Conductor DC Resistance	3.94 Ω /km
VSWR ≤ (Return loss≥dB)	
5-3000MHz	1.20 (20)
800-1000MHz	1.10 (26)
1700-2000MHz	1.15 (23)
2000-2400MHz	1.15 (23)



Cross Section:



Mechanical and Environmental Properties:

Cable Bend Radius	75mm
Operating Temperature Range	-40 °C to +85°C
Cable Dimensions	14.99mm

Attenuation(20 °C):

Frequency (MHZ)	Max Attenuation(dB/100m)	Avg.Power(KW)
30	1.40	4.93
50	1.80	3.83
150	3.20	2.16
220	3.90	1.77
450	5.60	1.23
900	8.20	0.84
1500	10.90	0.63
1800	12.10	0.57
2000	12.80	0.54
2500	14.50	0.48
3000	15.70	0.48
5800	23.80	0.29

 GLOBAL MARKET

■ China - Head office

Email: info@hello-signal.com
info@zion-communication.com

Mobile/WhatsApp: 0086 15715730101

ADD: Zion Industrial Park, Huaqiao Road,
Jincheng, Lin'an, Zhejiang, China