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# RG59/U+2C18AWG PVC CM UL/ETL F8 ( NO.7102021 )

## Construction Parameters:

Inner Conductor	0.032"/0.81mm/20AWG Bare Copper
Dielectric	0.144"/3.66±0.05mm Foamed Polyethylene
Shield	0.12mmBC-Braid(95%)
Jacket	0.236"/6.00±0.1mm PVC-CM
Power Wire Conductor	2x18AWG/(7*0.38mm) BC
Power wire Diameter	0.075"/1.90mm PVC-CM (Red,Black)
Jacket	0.199"/5.05±0.1mm PVC-CM
Application	For Use in Longer CCTV Run Lengths



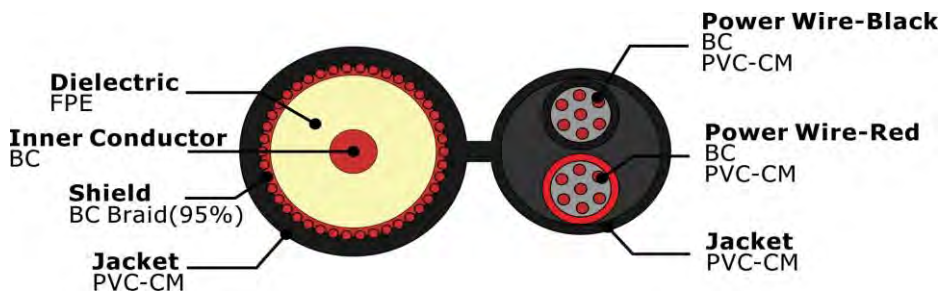
## Electrical Characteristics:

Inner Conductor Resistance	The Max. at 20°C shall be < 33.5 Ω/km (10.3 Ω/kft)	
Capacitance	52 ±3 pF/m	17±0.3 pF/ft
Impedance	75 ± 3 Ω	
Return loss	between 5 and 1000MHz: > 22dB	
Velocity of Propagation	0.85	
Sparker Test (VAC)	4	

## Mechanical and Environmental Properties

Cable bend radius	10 times the cable diameter
Operating Temp Range	-20 °C to 60°C
Cable dimensions	6.05x5.05mm

## Cross Section



**Attenuation(20°C):**

Frequency (MHZ)	Max Attenuation(dB/100ft)	Max Attenuation (dB/100m)
5	0.86	2.82
55	2.05	6.73
83	2.45	8.04
187	3.60	11.81
211	3.80	12.47
250	4.10	13.45
300	4.45	14.60
350	4.80	15.75
400	5.10	16.73
450	5.40	17.72
500	5.70	18.70
550	5.95	19.52
600	6.20	20.34
750	6.97	22.87
865	7.52	24.67
1000	8.12	26.64

※Note: The above transmission performance for the 100M, 20±2°C under the conditions tested.

**Order Informations**

Marking	HELLOSIGNAL RG59/U +2C18AWG CM Figure 8 CCTV COAXIAL CABLE 7102021 xxxM/FT
Package	Inquired Length on Reel,Pull Box,Plastic Spool,wooden Spool,pallet ...
Delivery time	Normally 25 days after received the deposit.
Brand	HELLOSIGNAL® OR OEM

**Online Service:**

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# RG59/U+2C18AWG PVC CMR UL/ETL F8 (NO.7102022)

## Construction Parameters:

Inner Conductor	0.032"/0.81mm/20AWG Bare Copper
Dielectric	0.144"/3.66±0.05mm Foamed Polyethylene
Shield	0.12mmBC-Braid(95%)
Jacket	0.236"/6.00±0.1mm PVC-CMR
Power Wire Conductor	2x18AWG/(7*0.38mm) BC
Power wire Diameter	0.075"/1.90mm PVC-CMR (Red,Black)
Jacket	0.199"/5.05±0.1mm PVC-CMR
Application	For Use in Longer CCTV Run Lengths



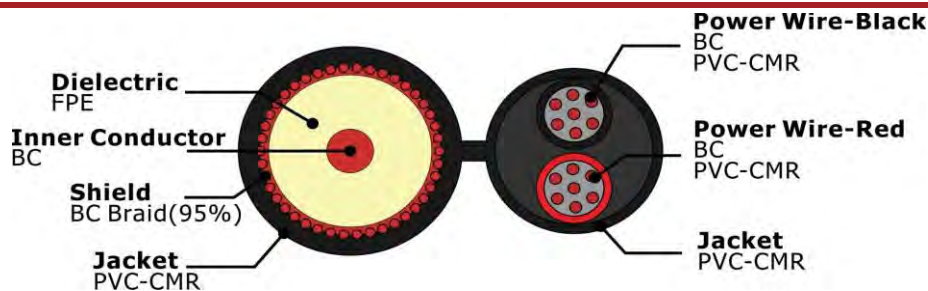
## Electrical Characteristics:

Inner Conductor Resistance	The Max. at 20°C shall be < 33.5 Ω/km (10.3 Ω/kft)	
Capacitance	52 ±3 pF/m	17±0.3 pF/ft
Impedance	75 ± 3 Ω	
Return loss	between 5 and 1000MHz: > 22dB	
Velocity of Propagation	0.85	
Sparker Test (VAC)	4	

## Mechanical and Environmental Properties

Cable bend radius	10 times the cable diameter
Operating Temp Range	-20 °C to 75°C
Cable dimensions	6.05x5.05mm

## Cross Section



**Attenuation(20°C):**

Frequency (MHZ)	Max Attenuation(dB/100ft)	Max Attenuation (dB/100m)
5	0.86	2.82
55	2.05	6.73
83	2.45	8.04
187	3.60	11.81
211	3.80	12.47
250	4.10	13.45
300	4.45	14.60
350	4.80	15.75
400	5.10	16.73
450	5.40	17.72
500	5.70	18.70
550	5.95	19.52
600	6.20	20.34
750	6.97	22.87
865	7.52	24.67
1000	8.12	26.64

※Note: The above transmission performance for the 100M, 20±2°C under the conditions tested.

**Order Informations**

Marking	HELLOSIGNAL RG59/U +2C18AWG CMR Figure 8 CCTV COAXIAL CABLE 7102022 xxxM/FT
Package	Inquired Length on Reel,Pull Box,Plastic Spool,wooden Spool,pallet ...
Delivery time	Normally 25 days after received the deposit.
Brand	HELLOSIGNAL® OR OEM

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## RG59/U+2C18AWG PVC CMP UL/ETL F8 (NO.7102023)

### Construction Parameters:

Inner Conductor	0.032"/0.81mm/20AWG Bare Copper
Dielectric	0.134"/3.4±0.05mm Foamed FEP
Shield	0.12mmBC-Braid(95%)
Jacket	0.201"/5.1±0.2mm Plenum PVC
Power Wire Conductor	2x18AWG/(7*0.38mm) BC
Power wire Diameter	0.06"/1.52mm Plenum PVC (Red,Black)
Jacket	0.15"/3.7±0.2mm Plenum PVC
Application	For Use in Longer CCTV Run Lengths



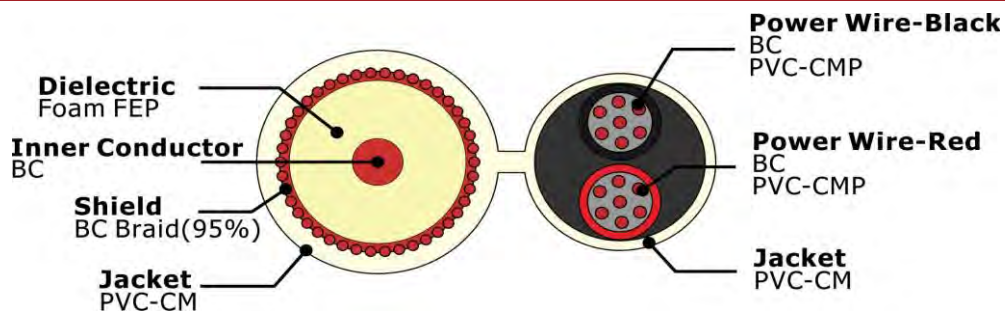
### Electrical Characteristics:

Inner Conductor Resistance	The Max. at 20°C shall be < 33.5 Ω/km (10.3 Ω/kft)	
Capacitance	52 ±3 pF/m	17±0.3 pF/ft
Impedance	75 ± 3 Ω	
Return loss	between 5 and 1000MHz: > 22dB	
Velocity of Propagation	0.85	
Sparker Test (VAC)	4	

### Mechanical and Environmental Properties

Cable bend radius	10 times the cable diameter
Operating Temp Range	-20 °C to 80°C
Cable dimensions	5.1×3.8mm

### Cross Section



**Attenuation(20°C):**

Frequency (MHZ)	Max Attenuation(dB/100ft)	Max Attenuation (dB/100m)
1	0.34	1.11
10	1.05	3.44
100	3.60	11.80
200	5.20	17.05
400	7.70	25.25
700	10.80	35.41
900	12.40	40.66
1000	13.20	43.28

※Note: The above transmission performance for the 100M, 20±2°C under the conditions tested.

**Order Informations**

Marking	HELLOSIGNAL RG59/U +2C18AWG CMP Figure 8 CCTV COAXIAL CABLE 7102023 xxxM/FT
Package	Inquired Length on Reel, Pull Box, Plastic Spool, wooden Spool, pallet ...
Delivery time	Normally 25 days after received the deposit.
Brand	HELLOSIGNAL® OR OEM

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## RG59/U +2C18AWG CM Common (NO.7102024)

### Construction Parameters:

Inner Conductor	0.032"/0.81mm/20AWG Bare Copper
Dielectric	0.144"/3.66±0.05mm Foamed Polyethylene
Shield	0.12mmBC-Braid(95%)
Jacket	0.236"/6.00±0.1mm PVC-CM
Power Wire Conductor	2x18AWG/(7*0.38mm) BC
Power wire Diameter of insulatio	0.075"/1.90mm PVC-CM (Red,Black)
Jacket	9.5mm PVC-CM
Application	For Use in Longer CCTV Run Lengths



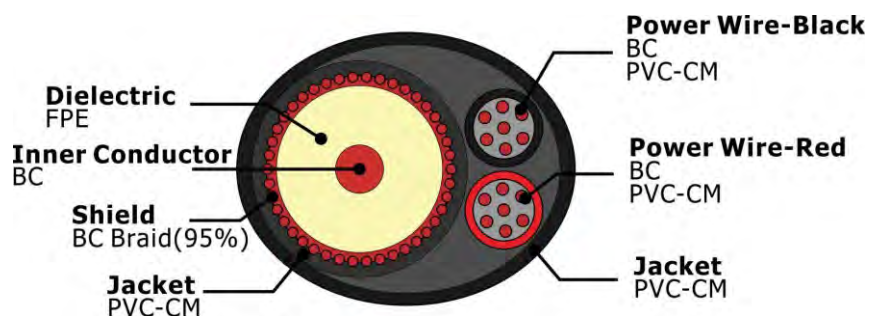
### Electrical Characteristics:

Inner Conductor Resistance	The Max. at 20°C shall be < 33.5 Ω/km (10.3 Ω/kft)	
Capacitance	52 ±3 pF/m	17±0.3 pF/ft
Impedance	75 ± 3 Ω	
Return loss	between 5 and 1000MHz: > 22dB	
Velocity of Propagation	0.85	
Sparker Test (VAC)	4	

### Mechanical and Environmental Properties

Cable bend radius	10 times the cable diameter
Operating Temp Range	-20 °C to 60°C
Cable dimensions	9.5mm

### Cross Section





**Attenuation(20°C):**

Frequency (MHZ)	Max Attenuation(dB/100ft)	Max Attenuation (dB/100m)
5	0.86	2.82
55	2.05	6.73
83	2.45	8.04
187	3.60	11.81
211	3.80	12.47
250	4.10	13.45
300	4.45	14.60
350	4.80	15.75
400	5.10	16.73
450	5.40	17.72
500	5.70	18.70
550	5.95	19.52
600	6.20	20.34
750	6.97	22.87
865	7.52	24.67
1000	8.12	26.64

**Order Informations**

Marking	HELLOSIGNAL RG59U +2C18AWG CM Common CCTV COAXIAL CABLE 7102024 xxxM/FT
Package	Inquired Length on Reel,Pull Box,Plastic Spool,wooden Spool,pallet ...
Delivery time	Normally 25 days after received the deposit.
Brand	HELLOSIGNAL® OR OEM

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## RG59/U +2C18AWG CMR Common (NO.7102025)

### Construction Parameters:

Inner Conductor	0.032"/0.81mm/20AWG Bare Copper
Dielectric	0.144"/3.66±0.05mm Foamed Polyethylene
Shield	0.12mmBC-Braid(95%)
Jacket	0.236"/6.00±0.1mm PVC-CMR
Power Wire Conductor	2x18AWG/(7*0.38mm) BC
Power wire Diameter of insulatio	0.075"/1.90mm PVC-CMR (Red,Black)
Jacket	9.5mmPVC-CMR
Application	For Use in Longer CCTV Run Lengths



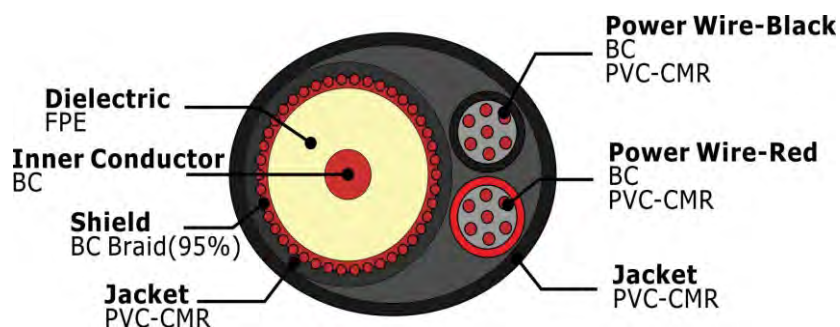
### Electrical Characteristics:

Inner Conductor Resistance	The Max. at 20°C shall be < 33.5 Ω /km (10.3 Ω /kft)	
Capacitance	52 ±3 pF/m	17±0.3 pF/ft
Impedance	75 ± 3 Ω	
Return loss	between 5 and 1000MHz: > 22dB	
Velocity of Propagation	0.85	
Sparker Test (VAC)	4	

### Mechanical and Environmental Properties

Cable bend radius	10 times the cable diameter
Operating Temp Range	-20 °C to 75°C
Cable dimensions	9.5mm

### Cross Section



**Attenuation(20°C):**

Frequency (MHZ)	Max Attenuation(dB/100ft)	Max Attenuation (dB/100m)
5	0.86	2.82
55	2.05	6.73
83	2.45	8.04
187	3.60	11.81
211	3.80	12.47
250	4.10	13.45
300	4.45	14.60
350	4.80	15.75
400	5.10	16.73
450	5.40	17.72
500	5.70	18.70
550	5.95	19.52
600	6.20	20.34
750	6.97	22.87
865	7.52	24.67
1000	8.12	26.64

**Order Informations**

Marking	HELLOSIGNAL RG59U +2C18AWG CMR Common CCTV COAXIAL CABLE 7102025 xxxM/FT
Package	Inquired Length on Reel,Pull Box,Plastic Spool,wooden Spool,pallet ...
Delivery time	Normally 25 days after received the deposit.
Brand	HELLOSIGNAL <sup>®</sup> OR OEM

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## RG59/U +2C18AWG CMP Common (NO.7102026)

### Construction Parameters:

Inner Conductor	0.032"/0.81mm/20AWG Bare Copper
Dielectric	3.43mmFoam FEP
Shield	0.12mmBC-Braid(95%)
Jacket	0.201"/5.10±0.1mm PVC-CMP
Power Wire Conductor	2x18AWG/(7*0.38mm) BC
Power wire Diameter of insulatio	0.063"/1.60mm PVC-CMP (Red,Black)
Jacket	7.9mmPVC-CMP
Application	For Use in Longer CCTV Run Lengths



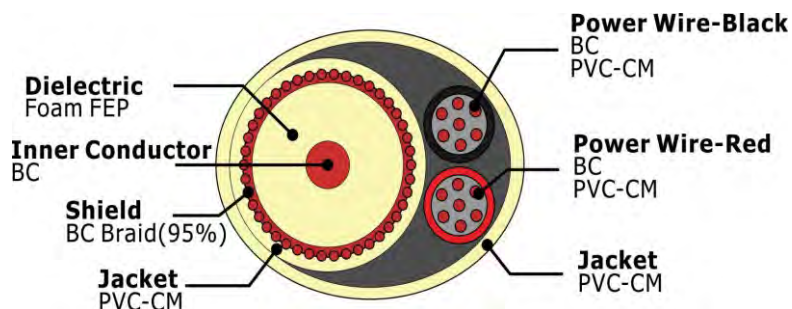
### Electrical Characteristics:

Inner Conductor Resistance	The Max. at 20°C shall be < 33.5 Ω/km (10.3 Ω/kft)	
Capacitance	52 ±3 pF/m	17±0.3 pF/ft
Impedance	75 ± 3 Ω	
Return loss	between 5 and 1000MHz: > 22dB	
Velocity of Propagation	0.85	
Sparker Test (VAC)	4	

### Mechanical and Environmental Properties

Cable bend radius	10 times the cable diameter
Operating Temp Range	-20 °C to 75°C
Cable dimensions	7.9mm

### Cross Section



**Attenuation(20°C):**

Frequency (MHZ)	Max Attenuation(dB/100ft)	Max Attenuation (dB/100m)
1	0.34	1.11
10	1.05	3.44
100	3.60	11.80
200	5.20	17.05
400	7.70	25.25
700	10.80	35.41
900	12.40	40.66
1000	13.20	43.28

**Order Informations**

Marking	HELLOSIGNAL RG59U +2C18AWG CMP Common CCTV COAXIAL CABLE 7102026 xxxM/FT
Package	Inquired Length on Reel,Pull Box,Plastic Spool,wooden Spool,pallet ...
Delivery time	Normally 25 days after received the deposit.
Brand	HELLOSIGNAL <sup>®</sup> OR OEM

**Online Service:**

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## RG59/U +2C0.5 Figure 8 (NO.7102031)

### Construction Parameters:

Inner Conductor	0.032"/0.81mm/20AWG Bare Copper
Dielectric	0.144"/3.66±0.05mm Foamed Polyethylene
Shield	0.12mm AL-MG-Braid(95%)
Jacket	0.236"/6.00±0.1mm PVC/PE/LSZH
Power Wire Conductor	2x(16*0.2mmCCA )
Power wire Diameter of insulatio	0.075"/1.9mmHDPE (Red,Black)
Jacket	5.05mm PVC/PE/LSZH
Application	For Use in Longer CCTV Run Lengths



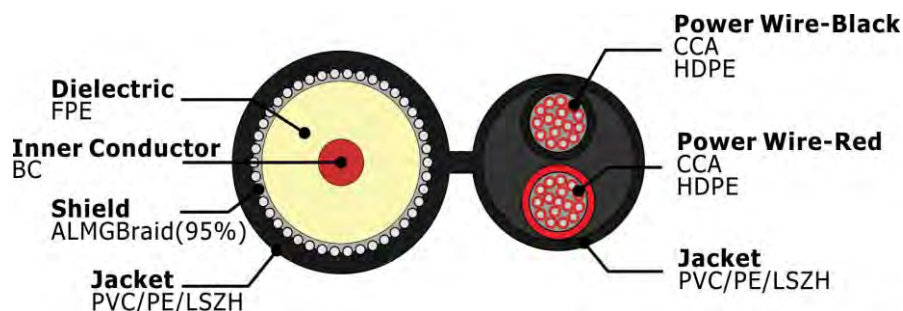
### Electrical Characteristics:

Inner Conductor Resistance	The Max. at 20°C shall be < 33.5 Ohms/KM
Capacitance	67±2 pF/m
Impedance	75 ± 3 Ω
Return loss	between 5 and 1000MHz: > 22dB
Velocity of Propagation	0.66
Sparker Test (VAC)	3

### Mechanical and Environmental Properties

Cable bend radius	10 times the cable diameter
Operating Temp Range	-20 °C to 60°C
Cable diamensions	6.0x5.05mm

### Cross Section



**Attenuation(20°C):**

Frequency (MHZ)	Max Attenuation(dB/100ft)	Max Attenuation (dB/100m)
5	0.86	2.82
55	2.05	6.73
83	2.45	8.04
187	3.60	11.81
211	3.80	12.47
250	4.10	13.45
300	4.45	14.60
350	4.80	15.75
400	5.10	16.73
450	5.40	17.72
500	5.70	18.70
550	5.95	19.52
600	6.20	20.34
750	6.97	22.87
865	7.52	24.67
1000	8.12	26.64

**Order Informations**

Marking	HELLOSIGNAL RG59/U +2C0.5 Figure 8 CCTV COAXIAL CABLE 7102031 xxxM/FT
Package	Inquired Length on Reel,Pull Box,Plastic Spool,wooden Spool,pallet ...
Delivery time	Normally 25 days after received the deposit.
Brand	HELLOSIGNAL® OR OEM

**Online Service:**

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## RG59/U +2C0.75 Figure 8 (NO.7102032)

### Construction Parameters:

Inner Conductor	0.032"/0.81mm/20AWG Bare Copper
Dielectric	0.144"/3.66±0.05mm Foamed Polyethylene
Shield	0.12mm ALMG-Braid(95%)
Jacket	0.236"/6.00±0.1mm PVC/PE/LSZH
Power Wire Conductor	2x(24*0.2mmCCA )
Power wire Diameter of insulatio	0.075"/1.9mmHDPE (Red,Black)
Jacket	5.05mm PVC/PE/LSZH
Application	For Use in Longer CCTV Run Lengths



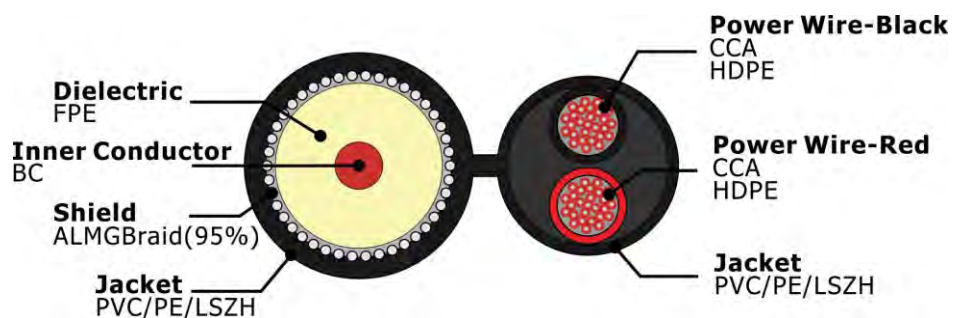
### Electrical Characteristics:

Inner Conductor Resistance	The Max. at 20°C shall be < 33.5 Ohms/KM
Capacitance	67±2 pF/m
Impedance	75 ± 3 Ω
Return loss	between 5 and 1000MHz: > 22dB
Velocity of Propagation	0.66
Sparker Test (VAC)	3

### Mechanical and Environmental Properties

Cable bend radius	10 times the cable diameter
Operating Temp Range	-20 °C to 60°C
Cable diamensions	6.0x5.05mm

### Cross Section





**Attenuation(20°C):**

Frequency (MHZ)	Max Attenuation(dB/100ft)	Max Attenuation (dB/100m)
5	0.86	2.82
55	2.05	6.73
83	2.45	8.04
187	3.60	11.81
211	3.80	12.47
250	4.10	13.45
300	4.45	14.60
350	4.80	15.75
400	5.10	16.73
450	5.40	17.72
500	5.70	18.70
550	5.95	19.52
600	6.20	20.34
750	6.97	22.87
865	7.52	24.67
1000	8.12	26.64

**Order Informations**

Marking	HELLOSIGNAL RG59/U +2C0.75 Figure 8 CCTV COAXIAL CABLE 7102032 xxxM/FT
Package	Inquired Length on Reel,Pull Box,Plastic Spool,wooden Spool,pallet ...
Delivery time	Normally 25 days after received the deposit.
Brand	HELLOSIGNAL® OR OEM

**Online Service:**

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## RG59/U +2C1.0 Figure 8 (NO.7102033)

### Construction Parameters:

Inner Conductor	0.032"/0.81mm/20AWG Bare Copper
Dielectric	0.144"/3.66±0.05mm Foamed Polyethylene
Shield	0.12mm ALMG-Braid(95%)
Jacket	0.236"/6.00±0.1mm PVC/PE/LSZH
Power Wire Conductor	2x(34*0.2mmCCA )
Power wire Diameter of insulatio	0.075"/1.90mm PVC-CMR (Red,Black)
Jacket	5.05mm PVC/PE/LSZH
Application	For Use in Longer CCTV Run Lengths



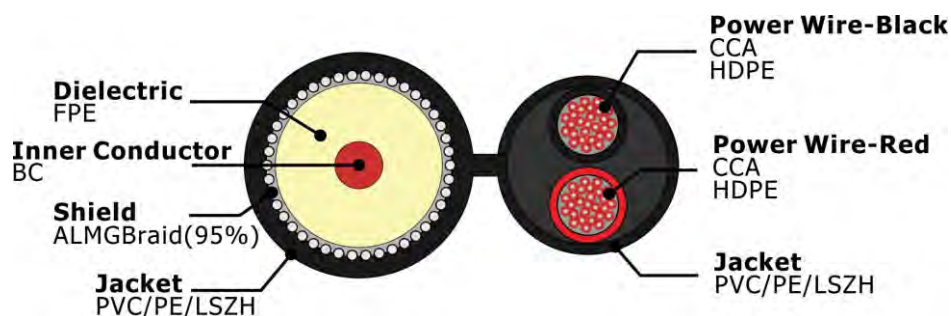
### Electrical Characteristics:

Inner Conductor Resistance	The Max. at 20°C shall be < 33.5 Ohms/KM
Capacitance	67±2 pF/m
Impedance	75 ± 3 Ω
Return loss	between 5 and 1000MHz: > 22dB
Velocity of Propagation	0.66
Sparker Test (VAC)	3

### Mechanical and Environmental Properties

Cable bend radius	10 times the cable diameter
Operating Temp Range	-20 °C to 60°C
Cable diamensions	6.0x5.05mm

### Cross Section



**Attenuation(20°C):**

Frequency (MHZ)	Max Attenuation(dB/100ft)	Max Attenuation (dB/100m)
5	0.86	2.82
55	2.05	6.73
83	2.45	8.04
187	3.60	11.81
211	3.80	12.47
250	4.10	13.45
300	4.45	14.60
350	4.80	15.75
400	5.10	16.73
450	5.40	17.72
500	5.70	18.70
550	5.95	19.52
600	6.20	20.34
750	6.97	22.87
865	7.52	24.67
1000	8.12	26.64

**Order Informations**

Marking	HELLOSIGNAL RG59U +2C1.0 Figure 8 CCTV COAXIAL CABLE 7102033 xxxM/FT
Package	Inquired Length on Reel,Pull Box,Plastic Spool,wooden Spool,pallet ...
Delivery time	Normally 25 days after received the deposit.
Brand	HELLOSIGNAL® OR OEM

**Online Service:**

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## RG59UK+2x0.50 PVC - UK ( NO.7102035 )

### Construction Parameters:

Inner Conductor	0.70mm Bare Copper
Dielectric	0.144"/3.66±0.05mm Foamed Polyethylene
Shield	0.12mm BC-Braid(47%)
Jacket	0.236"/6.00±0.1mm PVC/PE/LSZH
Power Wire Conductor	2x(24*0.15mmBC )
Power wire Diameter	0.075"/1.9mmHDPE (Red,Black)
Jacket	5.05mm PVC/PE/LSZH
Application	For Use in Longer CCTV Run Lengths



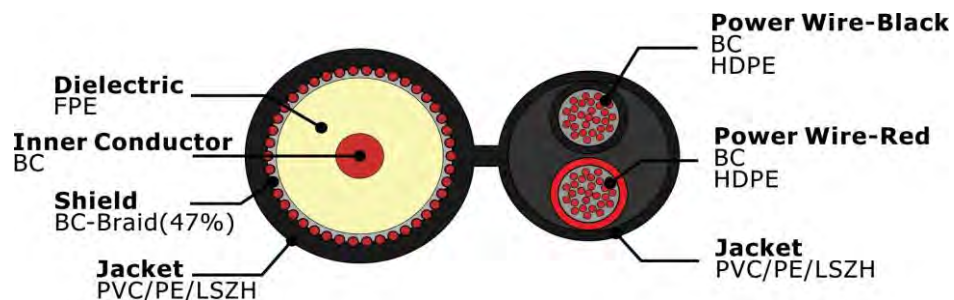
### Electrical Characteristics:

Inner Conductor Resistance	54 Ohms/KM at 20°C
Capacitance	52±1 pF/m      17±0.35 pF/ft
Impedance	75 ± 3 Ω
Return loss	between 5 and 1000MHz: > 22dB
Velocity of Propagation	0.66
Sparker Test (VAC)	3

### Mechanical and Environmental Properties

Cable bend radius	10 times the cable diameter
Operating Temp Range	-20 °C to 60°C
Cable dimensions	6.05x5.05mm

### Cross Section





### Attenuation(20°C):

Frequency (MHZ)	Max Attenuation(dB/100ft)	Max Attenuation (dB/100m)
5	0.82	2.50
10	0.92	2.80
50	2.13	6.50
100	2.92	8.90
200	4.20	12.80
400	6.07	18.50
700	7.51	22.90
900	8.79	26.80
1000	9.25	28.20

※Note: The above transmission performance for the 100M, 20±2°C under the conditions tested.

### Order Informations

Marking	HELLOSIGNAL RG59K + 2C0.5 Figure 8 CCTV COAXIAL CABLE 7102035 xxxM/FT
Package	Inquired Length on Reel,Pull Box,Plastic Spool,wooden Spool,pallet ...
Delivery time	Normally 25 days after received the deposit.
Brand	HELLOSIGNAL® OR OEM

### Online Service:

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## RG59 B/U+ 2C0.50 Figure 8 (NO.7102036)

### Construction Parameters:

Inner Conductor	0.58mm Bare Copper
Dielectric	0.144"/3.66±0.05mm Solid Polyethylene
Shield	0.12mm BC-Braid(95%)
Jacket	0.236"/6.00±0.1mm PVC/PE/LSZH
Power Wire Conductor	2x(16*0.2mmBC )
Power wire Diameter of insulatio	0.075"/1.9mmHDPE (Red,Black)
Jacket	5.05mm PVC/PE/LSZH
Application	For Use in Longer CCTV Run Lengths



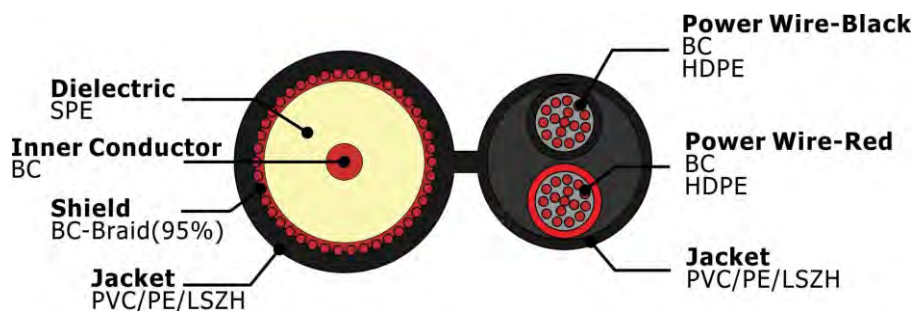
### Electrical Characteristics:

Inner Conductor Resistance	The Max. at 20°C shall be < 65.26 Ohms/KM
Capacitance	67±2 pF/m
Impedance	75 ± 3 Ω
Return loss	between 5 and 1000MHz: > 22dB
Velocity of Propagation	0.66
Sparker Test (VAC)	3

### Mechanical and Environmental Properties

Cable bend radius	10 times the cable diameter
Operating Temp Range	-20 °C to 60°C
Cable diamensions	6.0x5.05mm

### Cross Section





## Attenuation(20°C):

Frequency (MHZ)	Max Attenuation(dB/100ft)	Max Attenuation (dB/100m)
1	0.64	1.96
10	1.18	3.61
50	2.58	7.87
100	3.66	11.15
200	5.27	16.07
400	7.53	22.97
700	10.44	31.83
900	11.93	36.40
1000	12.89	39.30

## Order Informations

Marking	HELLOSIGNAL Rg59 B/U+ 2C0.50 Figure 8 CCTV COAXIAL CABLE 7102036 xxxM/FT
Package	Inquired Length on Reel,Pull Box,Plastic Spool,wooden Spool,pallet ...
Delivery time	Normally 25 days after received the deposit.
Brand	HELLOSIGNAL® OR OEM

## Online Service:

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## RG59 B/U+ 2C0.50 CCA Figure 8 (NO.7102037)

### Construction Parameters:

Inner Conductor	0.58mm Bare Copper
Dielectric	0.144"/3.66±0.05mm Solid Polyethylene
Shield	0.12mm CCA-Braid(95%)
Jacket	0.236"/6.00±0.1mm PVC/PE/LSZH
Power Wire Conductor	2x(16*0.2mmCCA )
Power wire Diameter of insulatio	0.075"/1.9mmHDPE (Red,Black)
Jacket	5.05mm PVC/PE/LSZH
Application	For Use in Longer CCTV Run Lengths



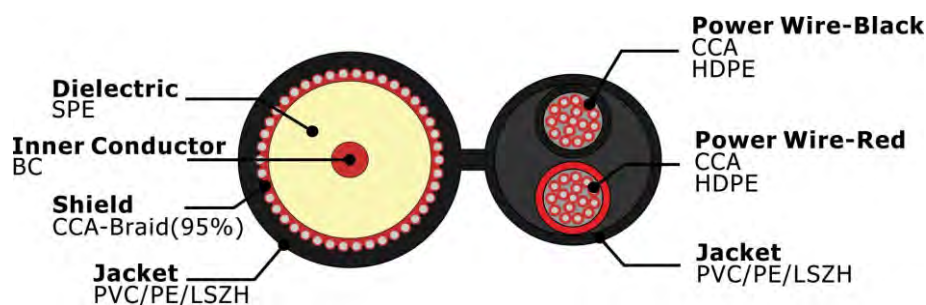
### Electrical Characteristics:

Inner Conductor Resistance	The Max. at 20°C shall be < 65.26 Ohms/KM
Capacitance	67±2 pF/m
Impedance	75 ± 3 Ω
Return loss	between 5 and 1000MHz: > 22dB
Velocity of Propagation	0.66
Sparker Test (VAC)	3

### Mechanical and Environmental Properties

Cable bend radius	10 times the cable diameter
Operating Temp Range	-20 °C to 60°C
Cable diamensions	6.0x5.05mm

### Cross Section





**Attenuation(20°C):**

Frequency (MHZ)	Max Attenuation(dB/100ft)	Max Attenuation (dB/100m)
1	0.64	1.96
10	1.18	3.61
50	2.58	7.87
100	3.66	11.15
200	5.27	16.07
400	7.53	22.97
700	10.44	31.83
900	11.93	36.40
1000	12.89	39.30

**Order Informations**

Marking	HELLOSIGNAL RG59 B/U+ 2C0.50 CCA Figure 8 CCTV COAXIAL CABLE 7102037 xxxM/FT
Package	Inquired Length on Reel,Pull Box,Plastic Spool,wooden Spool,pallet ...
Delivery time	Normally 25 days after received the deposit.
Brand	HELLOSIGNAL® OR OEM

**Online Service:**

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## RG59 B/U + 2C0.75 Common Outdoor (NO.7102038)

### Construction Parameters:

Inner Conductor	0.58mm Bare Copper
Dielectric	0.144"/3.66±0.05mm Solid Polyethylene
Shield	0.12mm CCA-Braid(95%)
Jacket	0.236"/6.00±0.1mm PVC/PE/LSZH
Power Wire Conductor	2x(17*0.25mmBC )
Power wire Diameter of insulatio	2.0mmPVC(Red,Black)
Jacket	9.6mmUV-PE
Application	For Use in Longer CCTV Run Lengths



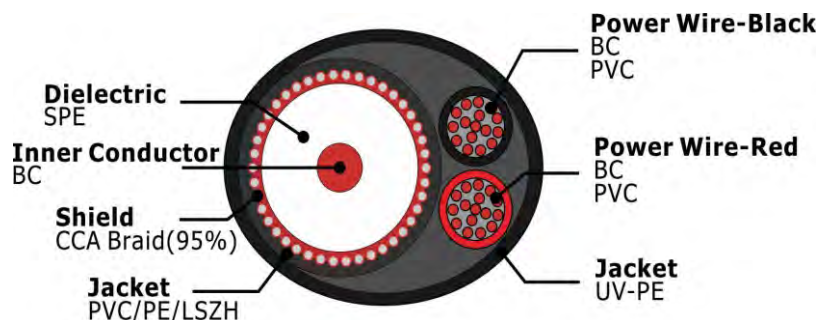
### Electrical Characteristics:

Inner Conductor Resistance	The Max. at 20°C shall be < 65.26 Ohms/KM
Capacitance	67±2 pF/m
Impedance	75 ± 3 Ω
Return loss	between 5 and 1000MHz: > 22dB
Velocity of Propagation	0.66
Sparker Test (VAC)	3

### Mechanical and Environmental Properties

Cable bend radius	10 times the cable diameter
Operating Temp Range	-20 °C to 60°C/-40 °C to 70°C
Cable diamensions	9.6mm

### Cross Section



**Attenuation(20°C):**

Frequency (MHZ)	Max Attenuation(dB/100ft)	Max Attenuation (dB/100m)
1	0.64	1.96
10	1.18	3.61
50	2.58	7.87
100	3.66	11.15
200	5.27	16.07
400	7.53	22.97
700	10.44	31.83
900	11.93	36.40
1000	12.89	39.30

**Order Informations**

Marking	HELLOSIGNAL RG59 B/U + 2C0.75 Common Outdoor CCTV COAXIAL CABLE 7102038 xxxM/FT
Package	Inquired Length on Reel,Pull Box,Plastic Spool,wooden Spool,pallet ...
Delivery time	Normally 25 days after received the deposit.
Brand	HELLOSIGNAL® OR OEM

**Online Service:**

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## RG59 B/U + 2C0.75 Common Outdoor M (NO.7102039)

### Construction Parameters:

Inner Conductor	0.58mm Bare Copper
Dielectric	0.144"/3.66±0.05mm Solid Polyethylene
Shield	0.12mm CCA-Braid(95%)
Jacket	0.236"/6.00±0.1mm PVC/PE/LSZH
Power Wire Conductor	2x(17*0.25mmBC )
Power wire Diameter of insulatio	2.0mmPVC(Red,Black)
Jacket	9.6mmUV-PE
Messenger	1.3mmSteel
Application	For Use in Longer CCTV Run Lengths



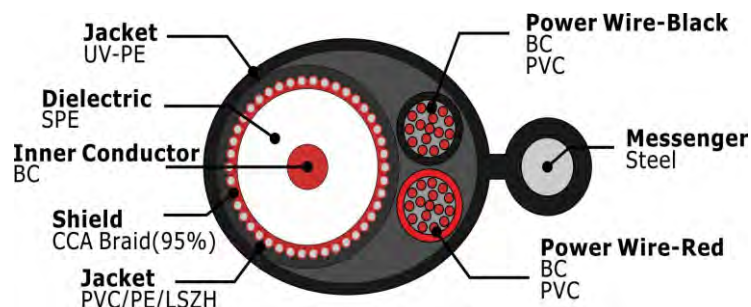
### Electrical Characteristics:

Inner Conductor Resistance	The Max. at 20°C shall be < 65.26 Ohms/KM
Capacitance	67±2 pF/m
Impedance	75 ± 3 Ω
Return loss	between 5 and 1000MHz: > 22dB
Velocity of Propagation	0.66
Sparker Test (VAC)	3

### Mechanical and Environmental Properties

Cable bend radius	10 times the cable diameter
Operating Temp Range	-20 °C to 60°C / -40 °C to 75°C
Cable diamensions	9.6x2.5mm

### Cross Section





## Attenuation(20°C):

Frequency (MHZ)	Max Attenuation(dB/100ft)	Max Attenuation (dB/100m)
1	0.64	1.96
10	1.18	3.61
50	2.58	7.87
100	3.66	11.15
200	5.27	16.07
400	7.53	22.97
700	10.44	31.83
900	11.93	36.40
1000	12.89	39.30

## Order Informations

Marking	HELLOSIGNAL RG59 B/U + 2C0.75 Common Outdoor M CCTV COAXIAL CABLE 7102039 xxxM/FT
Package	Inquired Length on Reel,Pull Box,Plastic Spool,wooden Spool,pallet ...
Delivery time	Normally 25 days after received the deposit.
Brand	HELLOSIGNAL® OR OEM

## Online Service:

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# RG59 E 50% CCA + 2C0.75MM2 CCA Figure 8 (NO.7102041)

## Construction Parameters:

Inner Conductor	0.5mm Bare Copper
Dielectric	3.5mm Foamed Polyethylene
Shield 1	Al/PET-Foil
Shield 2	0.12mmCCA-Braid(50%)
Jacket	5.6mm PVC/PE/LSZH
Power Wire Conductor	2x(16*0.25mmCCA )
Power wire Diameter of insulatio	2.0mmPVC (Red,Black)
Jacket	5.05mm PVC/PE/LSZH
Application	For Use in Longer CCTV Run Lengths



## Electrical Characteristics:

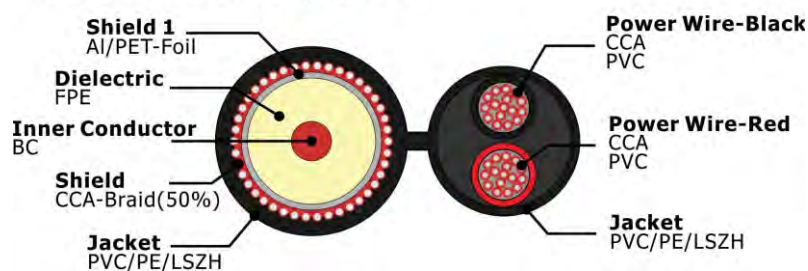
Inner Conductor Resistance	87.6 Ohms/KM at 20°C
Capacitance	69±2 pF/m
Impedance	75 ± 3 Ω
Return loss	between 5 and 1000MHz: > 22dB
Velocity of Propagation	0.66
Sparker Test (VAC)	3

## Mechanical and Environmental Properties

Cable bend radius	10 times the cable diameter
Operating Temp Range	-20 °C to 60°C
Cable dimensions	5.6x5.05mm

## Cross Section

3C-2V+2x0.35, Figure 8



**Attenuation(20°C):**

Frequency (MHZ)	Max Attenuation(dB/100ft)	Max Attenuation (dB/100m)
5	0.81	2.66
50	2.55	8.35
100	3.60	11.80
300	6.23	20.42
450	7.62	24.99
865	10.57	34.66
1000	11.36	37.26
1750	15.02	49.29
2150	16.65	54.62
2500	17.96	58.90
3000	19.67	64.52

**Order Informations**

Marking	HELLOSIGNAL RG59 E 50% CCA + 2C0.75MM <sup>2</sup> CCA Figure 8 CCTV COAXIAL CABLE 7102041 xxxM/FT
Package	Inquired Length on Reel,Pull Box,Plastic Spool,wooden Spool,pallet ...
Delivery time	Normally 25 days after received the deposit.
Brand	HELLOSIGNAL <sup>®</sup> OR OEM

**Online Service:**

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## RG59 E 50% CCA + 2C0.75MM2 CCA Common (NO.7102042)

### Construction Parameters:

Inner Conductor	0.5mm Bare Copper
Dielectric	3.5mm Foamed Polyethylene
Shield 1	Al/PET-Foil
Shield 2	0.12mmCCA-Braid(50%)
Jacket	5.6mm PVC/PE/LSZH
Power Wire Conductor	2x(16*0.25mmCCA )
Power wire Diameter of insulatio	2.0mmPVC (Red,Black)
Jacket	9.1x7.1mm PVC/PE/LSZH
Application	For Use in Longer CCTV Run Lengths



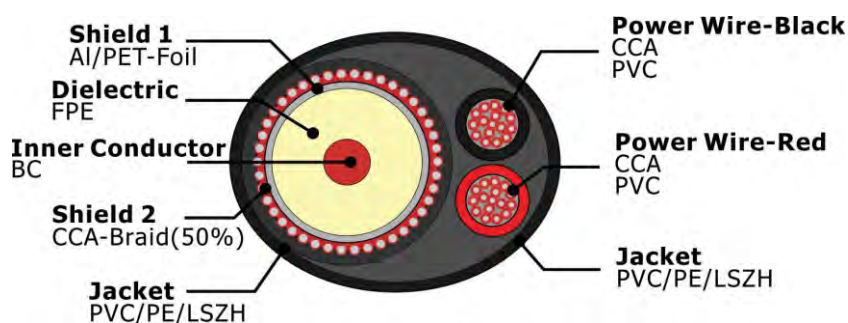
### Electrical Characteristics:

Inner Conductor Resistance	87.6 Ohms/KM at 20°C
Capacitance	69±2 pF/m
Impedance	75 ± 3 Ω
Return loss	between 5 and 1000MHz: > 22dB
Velocity of Propagation	0.66
Sparker Test (VAC)	3

### Mechanical and Environmental Properties

Cable bend radius	10 times the cable diameter
Operating Temp Range	-20 °C to 60°C
Cable dimensions	5.6x5.05mm

### Cross Section





**Attenuation(20°C):**

Frequency (MHZ)	Max Attenuation(dB/100ft)	Max Attenuation (dB/100m)
5	0.81	2.66
50	2.55	8.35
100	3.60	11.80
300	6.23	20.42
450	7.62	24.99
865	10.57	34.66
1000	11.36	37.26
1750	15.02	49.29
2150	16.65	54.62
2500	17.96	58.90
3000	19.67	64.52

**Order Informations**

Marking	HELLOSIGNAL RG59 E 50% CCA + 2C0.75MM <sup>2</sup> CCA Common CCTV COAXIAL CABLE 7102042 xxxM/FT
Package	Inquired Length on Reel,Pull Box,Plastic Spool,wooden Spool,pallet ...
Delivery time	Normally 25 days after received the deposit.
Brand	HELLOSIGNAL <sup>®</sup> OR OEM

**Online Service:**

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## RG59CCS+2x0.75, Common (NO.7102043)

### Construction Parameters:

Inner Conductor	0.643mm CCS
Dielectric	3.71mm Foamed Polyethylene
Shield 1	AL Foil
Shield 2	0.12mmX32 AL wire
Jacket	6.0mm PVC/PE/LSZH
Power Wire Conductor	2x(16*0.25mmCCA )
Power wire Diameter of insulatio	2.0mmPVC (Red,Black)
Jacket	9.5x7.5mm PVC/PE/LSZH
Application	For Use in Longer CCTV Run Lengths



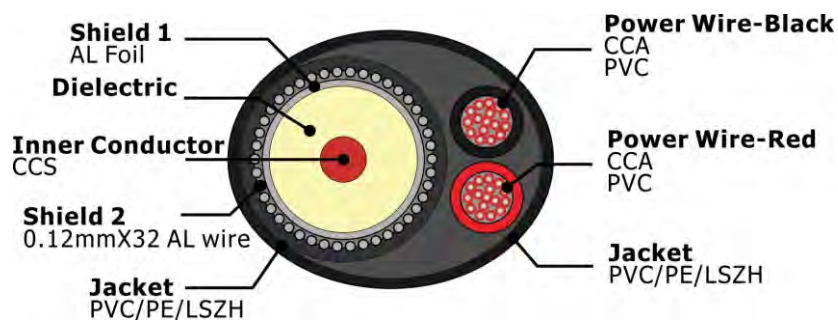
### Electrical Characteristics:

Inner Conductor Resistance	252.83Ohms/KM at 20°C
Capacitance	62±2 pF/m
Impedance	75 ± 3 Ω
Return loss	between 5 and 1000MHz: > 22dB
Velocity of Propagation	0.66
Sparker Test (VAC)	3

### Mechanical and Environmental Properties

Cable bend radius	10 times the cable diameter
Operating Temp Range	-20 °C to 60°C
Cable dimensions	9.5x7.5mm

### Cross Section



**Attenuation(20°C):**

Frequency (MHZ)	Max Attenuation(dB/100ft)	Max Attenuation (dB/100m)
5	0.66	2.16
50	2.07	6.78
100	2.92	9.58
300	5.06	16.58
450	6.19	20.31
865	8.58	28.15
1000	9.23	30.26
1750	12.20	40.03
2150	13.53	44.37
2500	14.59	47.84
3000	15.98	52.41

**Order Informations**

Marking	HELLOSIGNAL RG59CCS+2x0.75, Common CCTV COAXIAL CABLE 7102043 xxxM/FT
Package	Inquired Length on Reel,Pull Box,Plastic Spool,wooden Spool,pallet ...
Delivery time	Normally 25 days after received the deposit.
Brand	HELLOSIGNAL® OR OEM

**Online Service:**

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## RG59CCS+2x0.75, Figure 8 (NO.7102044)

### Construction Parameters:

Inner Conductor	0.643mm CCS
Dielectric	3.71mm Foamed Polyethylene
Shield 1	AL Foil
Shield 2	0.12mmX32 AL wire
Jacket	6.0mm PVC/PE/LSZH
Power Wire Conductor	2x(16*0.25mmCCA )
Power wire Diameter of insulatio	2.0mmPVC (Red,Black)
Jacket	5.0mm PVC/PE/LSZH
Application	For Use in Longer CCTV Run Lengths



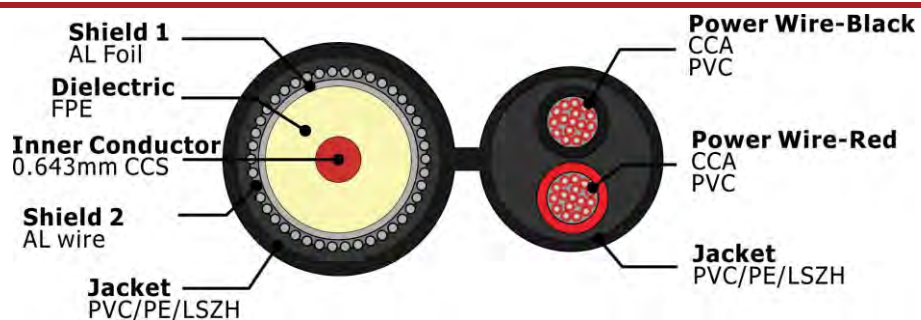
### Electrical Characteristics:

Inner Conductor Resistance	252.83Ohms/KM at 20°C
Capacitance	62±2 pF/m
Impedance	75 ± 3 Ω
Return loss	between 5 and 1000MHz: > 22dB
Velocity of Propagation	0.66
Sparker Test (VAC)	3

### Mechanical and Environmental Properties

Cable bend radius	10 times the cable diameter
Operating Temp Range	-20 °C to 60°C
Cable dimensions	6.0x5.05mm

### Cross Section



**Attenuation(20°C):**

Frequency (MHZ)	Max Attenuation(dB/100ft)	Max Attenuation (dB/100m)
5	0.66	2.16
50	2.07	6.78
100	2.92	9.58
300	5.06	16.58
450	6.19	20.31
865	8.58	28.15
1000	9.23	30.26
1750	12.20	40.03
2150	13.53	44.37
2500	14.59	47.84
3000	15.98	52.41

**Order Informations**

Marking	HELLOSIGNAL RG59CCS+2x0.75, Figure 8 CCTV COAXIAL CABLE 7102044 xxxM/FT
Package	Inquired Length on Reel,Pull Box,Plastic Spool,wooden Spool,pallet ...
Delivery time	Normally 25 days after received the deposit.
Brand	HELLOSIGNAL® OR OEM

**Online Service:**

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## RG6/U+2C18AWG -Global F8 (NO.7102001)

### Construction Parameters:

Inner Conductor	1.02mm/0.04"/18AWG CCS
Dielectric	4.45mm/0.175" Foamed PE
Shield 1	Bonded Aluminum Foil Shield
Shield 2	AL braid wire 95% coverage
Jacket	6.65mm PVC
Power Wire Conductor	2x18AWG/(16*0.25mm) BC
Power wire Diameter	1.9mm PE/PVC (Red,Black)
Jacket	5.05mmPVC
Application	For Use in Longer CCTV Run Lengths



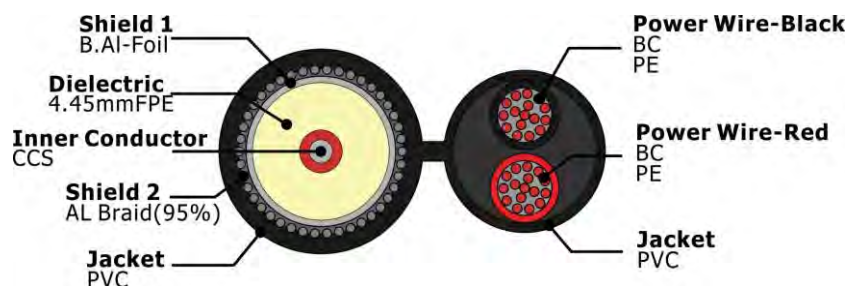
### Electrical Characteristics:

Inner Conductor Resistance	The Max. at 20°C shall be < 87 Ω/km (26.6 Ω/kft)	
Capacitance	52 ±3 pF/m	17±0.3 pF/ft
Impedance	75 ± 3 Ω	
Return loss	between 5 and 1000MHz: > 22dB	
Velocity of Propagation	0.85	
Sparker Test (VAC)	4	

### Mechanical and Environmental Properties

Cable bend radius	10 times the cable diameter
Operating Temp Range	-20 °C to 60°C
Cable dimensions	6.65x5.05mm

### Cross Section



**Attenuation(20°C):**

Frequency (MHZ)	Max Attenuation(dB/100ft)	Max Attenuation (dB/100m)
5	0.58	1.90
55	1.60	5.25
83	1.95	6.40
187	2.85	9.35
211	3.05	10.00
250	3.30	10.82
300	3.55	11.64
350	3.85	12.63
400	4.15	13.61
450	4.40	14.43
500	4.66	15.29
550	4.90	16.08
600	5.10	16.73
750	5.65	18.54
865	6.10	20.01
1000	6.55	21.49

※Note: The above transmission performance for the 100M, 20±2°C under the conditions tested.

**Order Informations**

Marking	HELLOSIGNAL RG6/U+2C18AWG Figure 8 CCTV COAXIAL CABLE 7102001 ×××M/FT
Package	Inquired Length on Reel,Pull Box,Plastic Spool,wooden Spool,pallet ...
Delivery time	Normally 25 days after received the deposit.
Brand	HELLOSIGNAL® OR OEM

**Online Service:**

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# RG6/U+2C18AWG PVC CM UL/ETL (NO.7102002)

## Construction Parameters:

Inner Conductor	1.02mm/0.04"/18AWG Copper
Dielectric	4.45mm/0.175" Foamed PE
Shield 1	Bonded Aluminum Foil Shield
Shield 2	BC braid wire 95% coverage
Jacket	6.65mm PVC-CM
Power Wire Conductor	2x18AWG/(7*0.38mm) BC
Power wire Diameter	1.9mm PVC-CM (Red,Black)
Jacket	5.05mmPVC-CM
Application	For Use in Longer CCTV Run Lengths



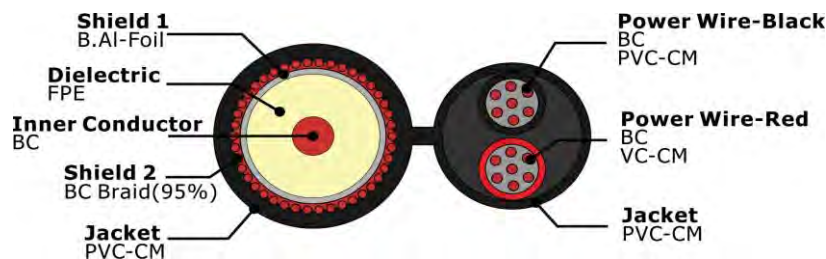
## Electrical Characteristics:

Inner Conductor Resistance	The Max. at 20°C shall be < 21.2 Ω/km (6.96 Ω/kft)	
Capacitance	52 ±3 pF/m	17±0.3 pF/ft
Impedance	75 ± 3 Ω	
Return loss	between 5 and 1000MHz: > 22dB	
Velocity of Propagation	0.85	
Sparker Test (VAC)	4	

## Mechanical and Environmental Properties

Cable bend radius	10 times the cable diameter
Operating Temp Range	-20 °C to 60°C
Cable dimensions	6.65x5.05mm

## Cross Section





**Attenuation(20°C):**

Frequency (MHZ)	Max Attenuation(dB/100ft)	Max Attenuation (dB/100m)
5	0.58	1.90
55	1.60	5.25
83	1.95	6.40
187	2.85	9.35
211	3.05	10.00
250	3.30	10.82
300	3.55	11.64
350	3.85	12.63
400	4.15	13.61
450	4.40	14.43
500	4.66	15.29
550	4.90	16.08
600	5.10	16.73
750	5.65	18.54
865	6.10	20.01
1000	6.55	21.49

※Note: The above transmission performance for the 100M, 20±2°C under the conditions tested.

**Order Informations**

Marking	HELLOSIGNAL RG6/U+2C18AWG CM Figure 8 CCTV COAXIAL CABLE 7102002 xxxM/FT
Package	Inquired Length on Reel,Pull Box,Plastic Spool,wooden Spool,pallet ...
Delivery time	Normally 25 days after received the deposit.
Brand	HELLOSIGNAL® OR OEM

**Online Service:**

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# RG6/U+2C18AWG PVC CMR UL/ETL (NO.7102003)

## Construction Parameters:

Inner Conductor	1.02mm/0.04"/18AWG Copper
Dielectric	4.45mm/0.175" Foamed PE
Shield 1	Bonded Aluminum Foil Shield
Shield 2	BC braid wire 95% coverage
Jacket	6.65mm PVC-CMR
Power Wire Conductor	2x18AWG/(7*0.38mm) BC
Power wire Diameter	1.9mm PVC-CMR (Red,Black)
Jacket	5.05mmPVC-CMR
Application	For Use in Longer CCTV Run Lengths



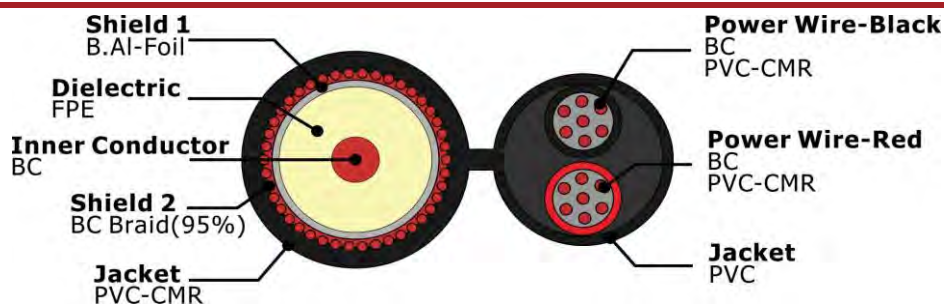
## Electrical Characteristics:

Inner Conductor Resistance	The Max. at 20°C shall be < 21.2 Ω/km (6.96 Ω/kft)	
Capacitance	52 ±3 pF/m	17±0.3 pF/ft
Impedance	75 ± 3 Ω	
Return loss	between 5 and 1000MHz: > 22dB	
Velocity of Propagation	0.85	
Sparker Test (VAC)	4	

## Mechanical and Environmental Properties

Cable bend radius	10 times the cable diameter
Operating Temp Range	-20 °C to 75°C
Cable dimensions	6.65x5.05mm

## Cross Section



**Attenuation(20°C):**

Frequency (MHZ)	Max Attenuation(dB/100ft)	Max Attenuation (dB/100m)
5	0.58	1.90
55	1.60	5.25
83	1.95	6.40
187	2.85	9.35
211	3.05	10.00
250	3.30	10.82
300	3.55	11.64
350	3.85	12.63
400	4.15	13.61
450	4.40	14.43
500	4.66	15.29
550	4.90	16.08
600	5.10	16.73
750	5.65	18.54
865	6.10	20.01
1000	6.55	21.49

※Note: The above transmission performance for the 100M, 20±2°C under the conditions tested.

**Order Informations**

Marking	HELLOSIGNAL RG6/U+2C18AWG CMR Figure 8 CCTV COAXIAL CABLE 7102003 xxxM/FT
Package	Inquired Length on Reel,Pull Box,Plastic Spool,wooden Spool,pallet ...
Delivery time	Normally 25 days after received the deposit.
Brand	HELLOSIGNAL® OR OEM

**Online Service:**

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Email	michael@zion-communication.com





## RG6/U+2C18AWG CMP Figure 8 (NO.7102004)

### Construction Parameters:

Inner Conductor	1.02mm/0.04"/18AWG Copper
Dielectric	4.32mm Foam FEP
Shield 1	Bonded Aluminum Foil Shield
Shield 2	BC braid wire 95% coverage
Jacket	5.9mm PVC-CMP
Power Wire Conductor	2x18AWG/(7*0.38mm) BC
Power wire Diameter	1.6mmPVC-CMP (Red,Black)
Jacket	3.8mmPVC-CMP
Application	For Use in Longer CCTV Run Lengths



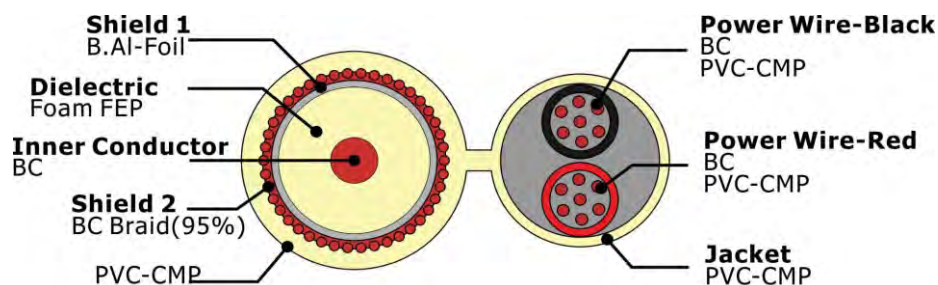
### Electrical Characteristics:

Inner Conductor Resistance	The Max. at 20°C shall be < 21.2 Ω/km (6.96 Ω/kft)	
Capacitance	52 ±3 pF/m	17±0.3 pF/ft
Impedance	75 ± 3 Ω	
Return loss	between 5 and 1000MHz: > 22dB	
Velocity of Propagation	0.85	
Sparker Test (VAC)	4	

### Mechanical and Environmental Properties

Cable bend radius	10 times the cable diameter
Operating Temp Range	-20 °C to 75°C
Cable dimensions	5.9×3.8mm

### Cross Section



**Attenuation(20°C):**

Frequency (MHZ)	Max Attenuation(dB/100ft)	Max Attenuation (dB/100m)
1	0.50	1.64
10	0.92	3.02
50	1.75	5.74
100	2.60	8.52
200	3.80	12.46
400	5.50	18.03
700	7.60	24.92
900	8.90	29.18
1000	9.30	30.49
1200	10.60	34.75
1450	12.00	39.34
1800	13.60	44.59
2200	14.80	48.52
3000	18.00	59.02

**Order Informations**

Marking	HELLOSIGNAL RG6/U+2C18AWG CMP Figure 8 CCTV COAXIAL CABLE 7101004 xxxM/FT
Package	Inquired Length on Reel,Pull Box,Plastic Spool,wooden Spool,pallet ...
Delivery time	Normally 25 days after received the deposit.
Brand	HELLOSIGNAL <sup>®</sup> OR OEM

**Online Service:**

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## RG6/U+2C18AWG Common (NO.7102005)

### Construction Parameters:

Inner Conductor	1.02mm/0.04"/18AWG CCS
Dielectric	4.45mm/0.175" Foamed PE
Shield 1	Bonded Aluminum Foil Shield
Shield 2	AL braid wire 95% coverage
Jacket	6.65mm PVC
Power Wire Conductor	2x18AWG/(16*0.254mm) CCA
Power wire Diameter	1.9mmPE/PVC(Red,Black)
Jacket	10.15mmPVC
Application	For Use in Longer CCTV Run Lengths



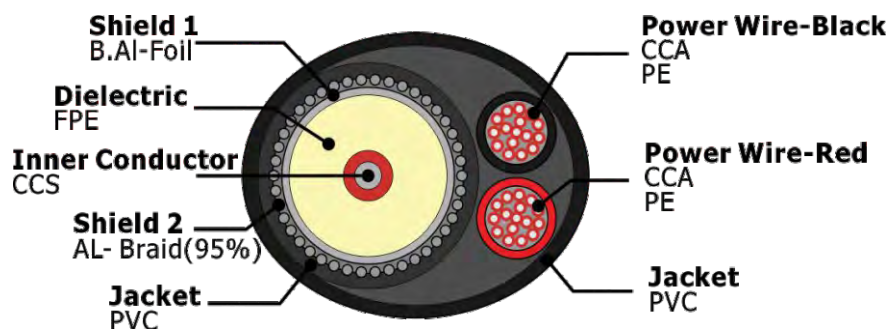
### Electrical Characteristics:

Inner Conductor Resistance	The Max. at 20°C shall be < 87 $\Omega$ /km (26.6 $\Omega$ /kft)	
Capacitance	52 $\pm$ 3 pF/m	17 $\pm$ 0.3 pF/ft
Impedance	75 $\pm$ 3 $\Omega$	
Return loss	between 5 and 1000MHz: > 22dB	
Velocity of Propagation	0.85	
Sparker Test (VAC)	4	

### Mechanical and Environmental Properties

Cable bend radius	10 times the cable diameter
Operating Temp Range	-20 °C to 60°C
Cable dimensions	10.15mm

### Cross Section



**Attenuation(20°C):**

Frequency (MHZ)	Max Attenuation(dB/100ft)	Max Attenuation (dB/100m)
5	0.58	1.90
55	1.60	5.25
83	1.95	6.40
187	2.85	9.35
211	3.05	10.00
250	3.30	10.82
300	3.55	11.64
350	3.85	12.63
400	4.15	13.61
450	4.40	14.43
500	4.66	15.29
550	4.90	16.08
600	5.10	16.73
750	5.65	18.54
865	6.10	20.01
1000	6.55	21.49

**Order Informations**

Marking	HELLOSIGNAL RG6/U+2C18AWG Common CCTV COAXIAL CABLE 7102005 xxxM/FT
Package	Inquired Length on Reel,Pull Box,Plastic Spool,wooden Spool,pallet ...
Delivery time	Normally 25 days after received the deposit.
Brand	HELLOSIGNAL <sup>®</sup> OR OEM

**Online Service:**

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## RG6/U+2C18AWG CM Common (NO.7102006)

### Construction Parameters:

Inner Conductor	1.02mm/0.04"/18AWG Copper
Dielectric	4.45mm/0.175" Foamed PE
Shield 1	Bonded Aluminum Foil Shield
Shield 2	AL braid wire 95% coverage
Jacket	6.65mm PVC-CM
Power Wire Conductor	2x18AWG/(16*0.25mm)BC
Power wire Diameter	1.9mm PVC-CMR (Red,Black)
Jacket	10.15mmPVC-CM
Application	For Use in Longer CCTV Run Lengths



### Electrical Characteristics:

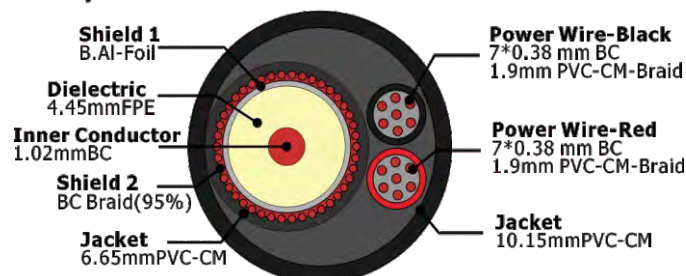
Inner Conductor Resistance	The Max. at 20°C shall be < 21.2 Ω/km (6.96 Ω/kft)	
Capacitance	52 ±3 pF/m	17±0.3 pF/ft
Impedance	75 ± 3 Ω	
Return loss	between 5 and 1000MHz: > 22dB	
Velocity of Propagation	0.85	
Sparker Test (VAC)	4	

### Mechanical and Environmental Properties

Cable bend radius	10 times the cable diameter
Operating Temp Range	-20 °C to 60°C
Cable dimensions	10.15mm

### Cross Section

#### RG6/U+2C18AWG CM Common





**Attenuation(20°C):**

Frequency (MHZ)	Max Attenuation(dB/100ft)	Max Attenuation (dB/100m)
5	0.58	1.90
55	1.60	5.25
83	1.95	6.40
187	2.85	9.35
211	3.05	10.00
250	3.30	10.82
300	3.55	11.64
350	3.85	12.63
400	4.15	13.61
450	4.40	14.43
500	4.66	15.29
550	4.90	16.08
600	5.10	16.73
750	5.65	18.54
865	6.10	20.01
1000	6.55	21.49

**Order Informations**

Marking	HELLOSIGNAL RG6/U+2C18AWG CM Common CCTV COAXIAL CABLE 7102006 xxxM/FT
Package	Inquired Length on Reel,Pull Box,Plastic Spool,wooden Spool,pallet ...
Delivery time	Normally 25 days after received the deposit.
Brand	HELLOSIGNAL <sup>®</sup> OR OEM

**Online Service:**

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## RG6/U+2C18AWG CMR Common (NO.7102007)

### Construction Parameters:

Inner Conductor	1.02mm/0.04"/18AWG Copper
Dielectric	4.45mm/0.175" Foamed PE
Shield 1	Bonded Aluminum Foil Shield
Shield 2	AL braid wire 95% coverage
Jacket	6.65mm PVC-CMR
Power Wire Conductor	2x18AWG/(16*0.25)BC
Power wire Diameter	1.9mm PVC-CMR (Red,Black)
Jacket	10.15mmPVC-CMR
Application	For Use in Longer CCTV Run Lengths



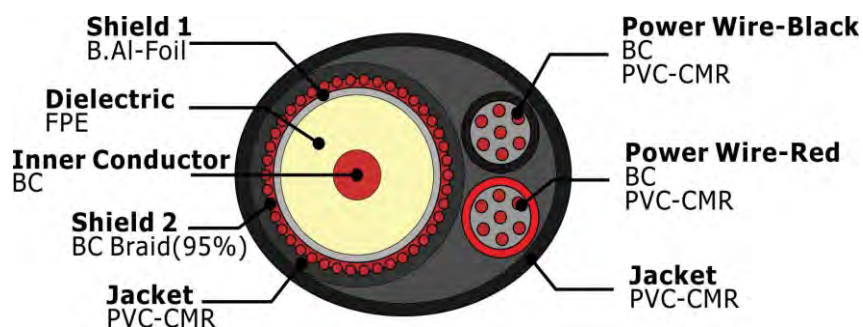
### Electrical Characteristics:

Inner Conductor Resistance	The Max. at 20°C shall be < 21.2 Ω/km (6.96 Ω/kft)	
Capacitance	52 ±3 pF/m	17±0.3 pF/ft
Impedance	75 ± 3 Ω	
Return loss	between 5 and 1000MHz: > 22dB	
Velocity of Propagation	0.85	
Sparker Test (VAC)	4	

### Mechanical and Environmental Properties

Cable bend radius	10 times the cable diameter
Operating Temp Range	-20 °C to 60°C
Cable dimensions	10.15mm

### Cross Section



**Attenuation(20°C):**

Frequency (MHZ)	Max Attenuation(dB/100ft)	Max Attenuation (dB/100m)
5	0.58	1.90
55	1.60	5.25
83	1.95	6.40
187	2.85	9.35
211	3.05	10.00
250	3.30	10.82
300	3.55	11.64
350	3.85	12.63
400	4.15	13.61
450	4.40	14.43
500	4.66	15.29
550	4.90	16.08
600	5.10	16.73
750	5.65	18.54
865	6.10	20.01
1000	6.55	21.49

**Order Informations**

Marking	HELLOSIGNAL RG6/U+2C18AWG CMR Common CCTV COAXIAL CABLE 7102007 xxxM/FT
Package	Inquired Length on Reel,Pull Box,Plastic Spool,wooden Spool,pallet ...
Delivery time	Normally 25 days after received the deposit.
Brand	HELLOSIGNAL <sup>®</sup> OR OEM

**Online Service:**

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## RG6/U+2C18AWG CMP Common (NO.7102008)

### Construction Parameters:

Inner Conductor	1.02mm/0.04"/18AWG Copper
Dielectric	4.32mm Foam FEP
Shield 1	Bonded Aluminum Foil Shield
Shield 2	AL braid wire 95% coverage
Jacket	5.9mm PVC-CMP
Power Wire Conductor	2x18AWG/(16*0.25mm) BC
Power wire Diameter	1.6mmPVC-CMP (Red,Black)
Jacket	9.0mmPVC-CMP
Application	For Use in Longer CCTV Run Lengths



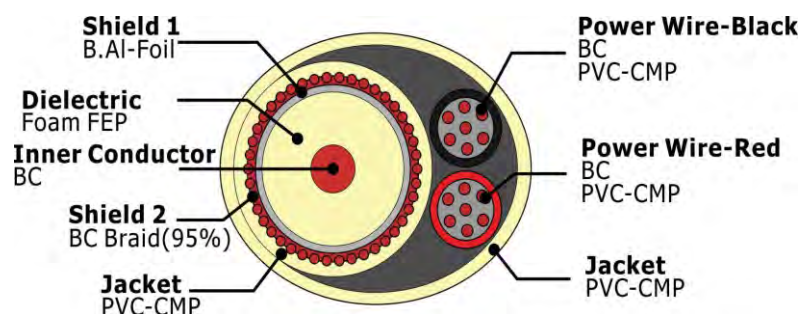
### Electrical Characteristics:

Inner Conductor Resistance	The Max. at 20°C shall be < 21.2 $\Omega$ /km (6.96 $\Omega$ /kft)	
Capacitance	52 $\pm$ 3 pF/m	17 $\pm$ 0.3 pF/ft
Impedance	75 $\pm$ 3 $\Omega$	
Return loss	between 5 and 1000MHz: > 22dB	
Velocity of Propagation	0.85	
Sparker Test (VAC)	4	

### Mechanical and Environmental Properties

Cable bend radius	10 times the cable diameter
Operating Temp Range	-20 °C to 75°C
Cable dimensions	9.0mm

### Cross Section



**Attenuation(20°C):**

Frequency (MHZ)	Max Attenuation(dB/100ft)	Max Attenuation (dB/100m)
1	0.50	1.64
10	0.92	3.02
50	1.75	5.74
100	2.60	8.52
200	3.80	12.46
400	5.50	18.03
700	7.60	24.92
900	8.90	29.18
1000	9.30	30.49
1200	10.60	34.75
1450	12.00	39.34
1800	13.60	44.59
2200	14.80	48.52
3000	18.00	59.02

**Order Informations**

Marking	HELLOSIGNAL RG6/U+2C18AWG CMP Common CCTV COAXIAL CABLE 7102008 xxxM/FT
Package	Inquired Length on Reel,Pull Box,Plastic Spool,wooden Spool,pallet ...
Delivery time	Normally 25 days after received the deposit.
Brand	HELLOSIGNAL <sup>®</sup> OR OEM

**Online Service:**

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## 3C-2V+2x0.35, Figure 8 (NO.7102061)

### Construction Parameters:

Inner Conductor	0.50mm Copper
Dielectric	3.2mm Foamed Polyethylene
Shield 1	Al Foil
Shield 2	0.12mmCCA-Braid(48%)
Jacket	5.0mm PVC/PE/LSZH
Power Wire Conductor	2x(7*0.25mmCCA )
Power wire Diameter of insulatio	1.4mmPVC (Red,Black)
Jacket	4.0mm PVC/PE/LSZH
Application	For Use in Longer CCTV Run Lengths



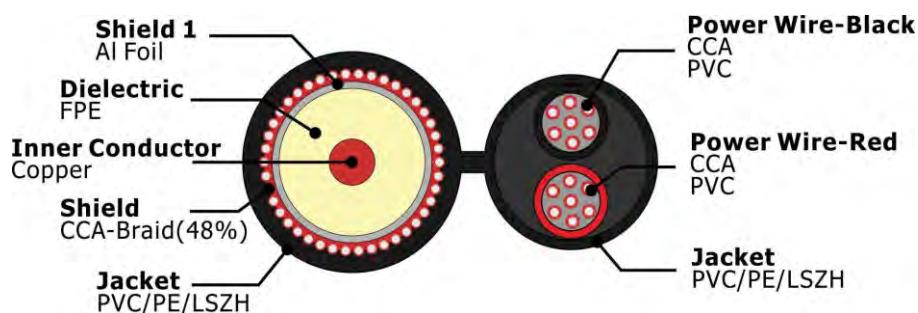
### Electrical Characteristics:

Inner Conductor Resistance	The Max. at 20°C shall be <math><87.6 \Omega / \text{km}</math>
Capacitance	69±4 pF/m
Impedance	75 ± 3 $\Omega$
Return loss	between 5 and 1000MHz: > 20dB
Velocity of Propagation	
Sparker Test (VAC)	1

### Mechanical and Environmental Properties

Cable bend radius	10 times the cable diameter
Operating Temp Range	-20 °C to 60°C
Cable dimensions	5.0x4.0mm

### Cross Section



**Attenuation(20°C):**

Frequency (MHZ)	Max Attenuation(dB/100ft)	Max Attenuation (dB/100m)
10		4.80
30		8.30
72		12.90
88		14.20
90		14.40
135		17.60
180		20.40
220		22.50
270		24.90
440		31.80
750		41.60
770		42.10

**Order Informations**

Marking	HELLOSIGNAL 3C-2V+2x0.35,Figure 8 CCTV COAXIAL CABLE 7102061 xxxM/FT
Package	Inquired Length on Reel,Pull Box,Plastic Spool,wooden Spool,pallet ...
Delivery time	Normally 25 days after received the deposit.
Brand	HELLOSIGNAL® OR OEM

**Online Service:**

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# 3C-2V+2x0.50 PVC - Global (NO.7102062)

## Construction Parameters:

Inner Conductor	0.50mm Copper
Dielectric	3.2mm Foamed Polyethylene
Shield 1	Al Foil
Shield 2	0.12mmCCAM-Braid(48%)
Jacket	5.0mm PVC
Power Wire Conductor	2x(11*0.25mmCCA )
Power wire Diameter	1.6mmPVC (Red,Black)
Jacket	4.4mm PVC
Application	For Use in Longer CCTV Run Lengths



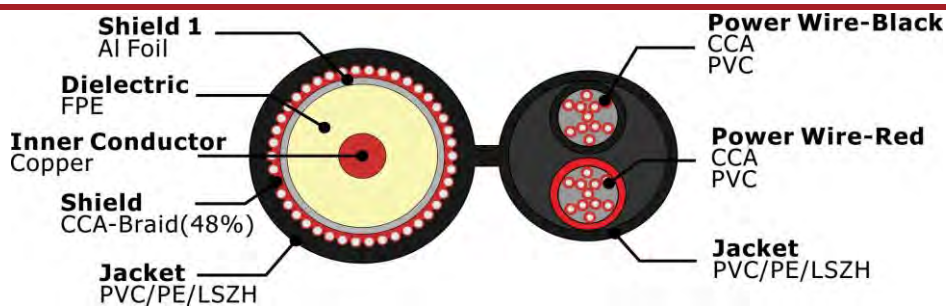
## Electrical Characteristics:

Inner Conductor Resistance	The Max. at 20°C shall be <math>< 87.6\Omega/km</math>
Capacitance	69±4 pF/m
Impedance	75 ± 3 Ω
Return loss	between 5 and 1000MHz: > 20dB
Velocity of Propagation	
Sparker Test (VAC)	1

## Mechanical and Environmental Properties

Cable bend radius	10 times the cable diameter
Operating Temp Range	-20 °C to 60°C
Cable dimensions	4.05x4.4mm

## Cross Section





**Attenuation(20°C):**

Frequency (MHZ)	Max Attenuation(dB/100ft)	Max Attenuation (dB/100m)
10		4.80
30		8.30
72		12.90
88		14.20
90		14.40
135		17.60
180		20.40
220		22.50
270		24.90
440		31.80
750		41.60
770		42.10

※Note: The above transmission performance for the 100M, 20±2°C under the conditions tested.

**Order Informations**

Marking	HELLOSIGNAL 3C-2V+2x0.50,Figure 8 CCTV COAXIAL CABLE 7102062 xxxM/FT
Package	Inquired Length on Reel,Pull Box,Plastic Spool,wooden Spool,pallet ...
Delivery time	Normally 25 days after received the deposit.
Brand	HELLOSIGNAL® OR OEM

**Online Service:**

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# 3C-2V+2x0.50,Common (NO.7102063)

## Construction Parameters:

Inner Conductor	0.50mm Copper
Dielectric	3.2mm Foamed Polyethylene
Shield 1	Al Foil
Shield 2	0.12mmCCA-Braid(48%)
Jacket	5.0mm PVC/PE/LSZH
Power Wire Conductor	2x(11*0.25mmCCA )
Power wire Diameter of insulatio	1.6mmPVC (Red,Black)
Jacket	6.6x8.2mm PVC/PE/LSZH
Application	For Use in Longer CCTV Run Lengths



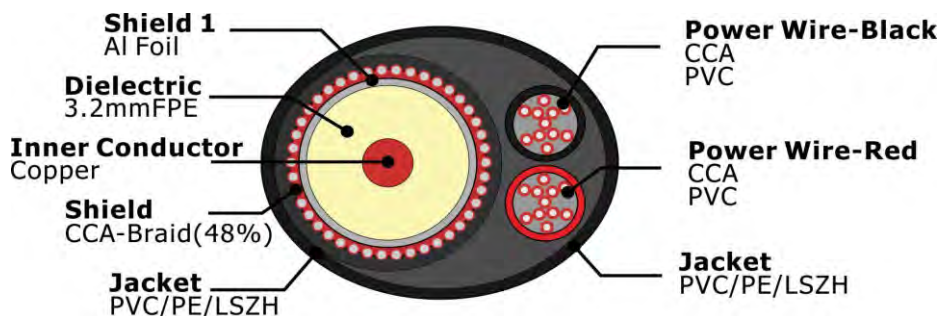
## Electrical Characteristics:

Inner Conductor Resistance	The Max. at 20°C shall be <math><87.6 \Omega /km</math>
Capacitance	69±4 pF/m
Impedance	75 ± 3 Ω
Return loss	between 5 and 1000MHz: > 20dB
Velocity of Propagation	
Sparker Test (VAC)	1

## Mechanical and Environmental Properties

Cable bend radius	10 times the cable diameter
Operating Temp Range	-20 °C to 60°C
Cable dimensions	6.6x8.2mm

## Cross Section



**Attenuation(20°C):**

Frequency (MHZ)	Max Attenuation(dB/100ft)	Max Attenuation (dB/100m)
10		4.80
30		8.30
72		12.90
88		14.20
90		14.40
135		17.60
180		20.40
220		22.50
270		24.90
440		31.80
750		41.60
770		42.10

**Order Informations**

Marking	HELLOSIGNAL 3C-2V+2x0.50,Common CCTV COAXIAL CABLE 7102063 xxxM/FT
Package	Inquired Length on Reel,Pull Box,Plastic Spool,wooden Spool,pallet ...
Delivery time	Normally 25 days after received the deposit.
Brand	HELLOSIGNAL® OR OEM

**Online Service:**

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# KX6+2x0.50 PVC - Global (NO.7102071)

## Construction Parameters:

Inner Conductor	7x0.2mm Copper
Dielectric	3.66mm FPE
Shield	96/0.12mmCCAM
Jacket	6.0mm PVC/LSZH
Power Wire Conductor	2x(16*0.20mm=0.5mm <sup>2</sup> CCA )
Power wire Diameter	1.6mm PVC (Red,Black)
Jacket	4.4mm PVC/LSZH
Application	For Use in Longer CCTV Run Lengths



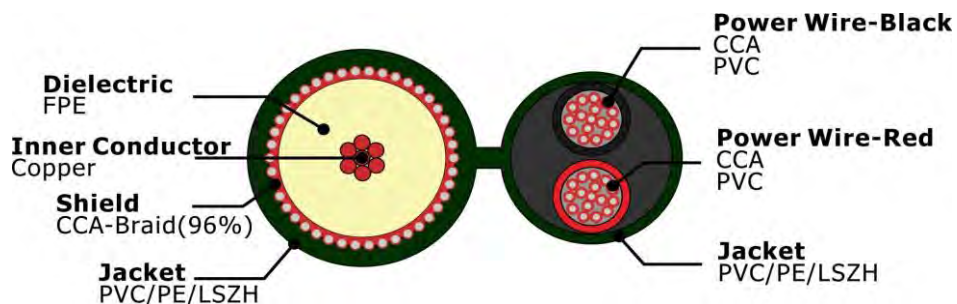
## Electrical Characteristics:

Inner Conductor Resistance	87.5Ω/KM at 20°C
Capacitance	67 ±3 pF/m
Impedance	75 ± 3 Ω
Return loss	between 5 and 1000MHz: > 22dB
Velocity of Propagation	0.85
Sparker Test (VAC)	4

## Mechanical and Environmental Properties

Cable bend radius	10 times the cable diameter
Operating Temp Range	-20 °C to 60°C
Cable dimensions	6.0x4.4mm

## Cross Section



**Attenuation(20°C):**

Frequency (MHZ)	Max Attenuation(dB/100ft)	Max Attenuation (dB/100m)
10		5.00
50		8.10
100		13.00
200		18.50
400		22.50
850		34.50
950		37.50
1000		45.00

※Note: The above transmission performance for the 100M, 20±2°C under the conditions tested.

**Order Informations**

Marking	HELLOSIGNAL KX6+2×0.50 Figure 8 CCTV COAXIAL CABLE 7102071 xxxM/FT
Package	Inquired Length on Reel,Pull Box,Plastic Spool,wooden Spool,pallet ...
Delivery time	Normally 25 days after received the deposit.
Brand	HELLOSIGNAL <sup>®</sup> OR OEM

**Online Service:**

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## KX6+2x0.75 PVC - Global (NO.7102072)

### Construction Parameters:

Inner Conductor	7x0.2mm Copper
Dielectric	3.66mm FPE
Shield	96/0.12mmCCAM
Jacket	6.0mm PVC/LSZH
Power Wire Conductor	2x(24*0.20mm=0.75mm <sup>2</sup> CCA )
Power wire Diameter	1.9mm PVC (Red,Black)
Jacket	5.0mm PVC/LSZH
Application	For Use in Longer CCTV Run Lengths



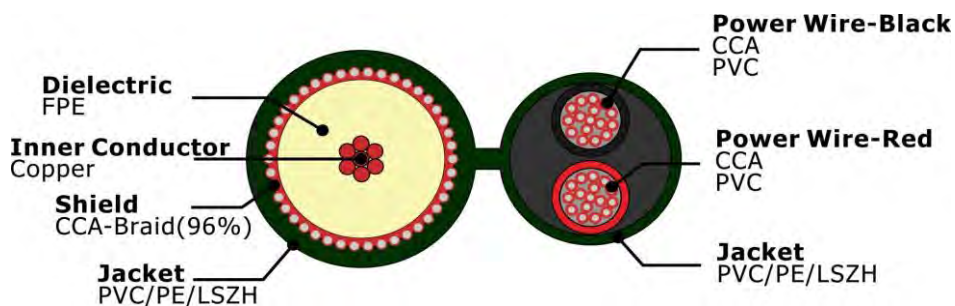
### Electrical Characteristics:

Inner Conductor Resistance	87.5Ω/KM at 20°C
Capacitance	67 ±3 pF/m
Impedance	75 ± 3 Ω
Return loss	between 5 and 1000MHz: > 22dB
Velocity of Propagation	0.85
Sparker Test (VAC)	4

### Mechanical and Environmental Properties

Cable bend radius	10 times the cable diameter
Operating Temp Range	-20 °C to 60°C
Cable dimensions	6.0x5.0mm

### Cross Section





### Attenuation(20°C):

Frequency (MHZ)	Max Attenuation(dB/100ft)	Max Attenuation (dB/100m)
10		5.00
50		8.10
100		13.00
200		18.50
400		22.50
850		34.50
950		37.50
1000		45.00

※Note: The above transmission performance for the 100M, 20±2°C under the conditions tested.

### Order Informations

Marking	HELLOSIGNAL KX6+2×0.75 Figure 8 CCTV COAXIAL CABLE 7102072 xxxM/FT
Package	Inquired Length on Reel,Pull Box,Plastic Spool,wooden Spool,pallet ...
Delivery time	Normally 25 days after received the deposit.
Brand	HELLOSIGNAL® OR OEM

### Online Service:

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## KX8+2×1.00 PVC - Figure 8 (NO.7102073)

### Construction Parameters:

Inner Conductor	7 × 0.40mm Bare Copper
Insulation:	7.24mm SPE
Shield	168 × 0.16mm CCA (95%)
Jacket	10.00mm PVC Green
Power Wire Conductor	2 × 30/0.20mm = 1.00mm <sup>2</sup> CCA
Power wire insulation	2.40mm PVC in Red & Black
Power Wire Jacket:	5.80mm PVC Green



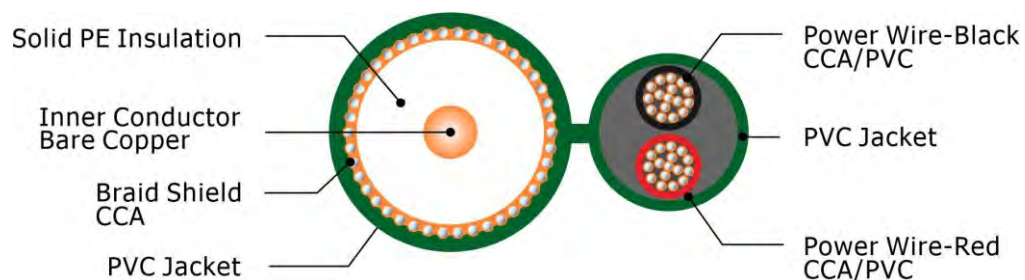
### Electrical Characteristics:

Inner Conductor Resistance	87.5 Ω /KM at 20°C
Capacitance	67 ±3 pF/m
Impedance	75 ± 3 Ω
Return loss	between 5 and 1000MHz: > 22dB
Velocity of Propagation	0.85
Sparker Test (VAC)	4

### Mechanical and Environmental Properties

Cable bend radius	10 times the cable diameter
Operating Temp Range	-20 °C to 60°C

### Cross Section







### Attenuation(20°C):

Frequency (MHZ)	Max Attenuation(dB/100ft)	Max Attenuation (dB/100m)
10		5.00
50		8.10
100		13.00
200		18.50
400		22.50
850		34.50
950		37.50
1000		45.00

※Note: The above transmission performance for the 100M, 20±2°C under the conditions tested.

### Order Informations

Marking	HELLOSIGNAL KX6+2x1.00mm2 Figure 8 CCTV CABLE ...305M
Inner Package	300M or 500M/Wooden Spool/Carton
Delivery time	Normally 25 days after received the deposit payment.
Brand	HELLOSIGNAL® OR OEM

### Online Service:

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Email	michael@zion-communication.com





## KX6+2×0.75 PVC - Common (NO.7102074)

### Construction Parameters:

Inner Conductor	7 × 0.20mm Bare Copper
Insulation:	3.70mm SPE
Shield	128 × 0.12mm CCA (95%)
Jacket	6.00mm PVC Green
Power Wire Conductor	2 × 24/0.20mm = 0.75mm <sup>2</sup> CCA
Power wire insulation	2.00mm PVC in Red & Black
Outer Jacket:	8.50mm PVC Green



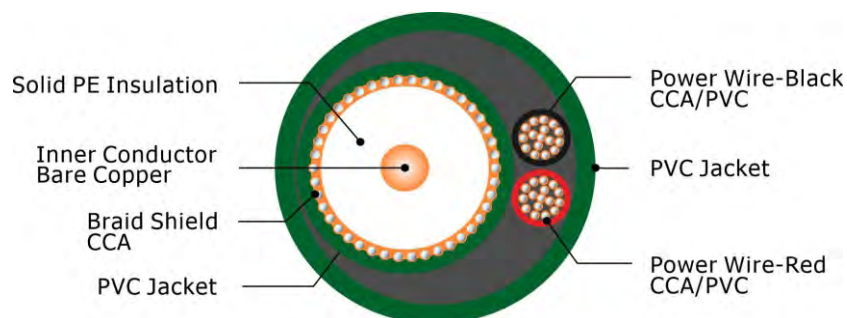
### Electrical Characteristics:

Inner Conductor Resistance	87.5 Ω /KM at 20°C
Capacitance	67 ±3 pF/m
Impedance	75 ± 3 Ω
Return loss	between 5 and 1000MHz: > 22dB
Velocity of Propagation	0.85
Sparker Test (VAC)	4

### Mechanical and Environmental Properties

Cable bend radius	10 times the cable diameter
Operating Temp Range	-20 °C to 60°C

### Cross Section





## Attenuation(20°C):

Frequency (MHZ)	Max Attenuation(dB/100ft)	Max Attenuation (dB/100m)
10		5.00
50		8.10
100		13.00
200		18.50
400		22.50
850		34.50
950		37.50
1000		45.00

※Note: The above transmission performance for the 100M, 20±2°C under the conditions tested.

## Order Informations

Marking	HELLOSIGNAL KX6+2×0.75mm <sup>2</sup> Common CCTV CABLE ...305M
Inner Package	300M or 500M/Wooden Spool/Carton
Delivery time	Normally 25 days after received the deposit payment.
Brand	HELLOSIGNAL <sup>®</sup> OR OEM

## Online Service:

Skype	kingtone3
Whatsapp	0086 18268009191
Email	michael@zion-communication.com



 GLOBAL MARKET

## ■ China - Head office

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