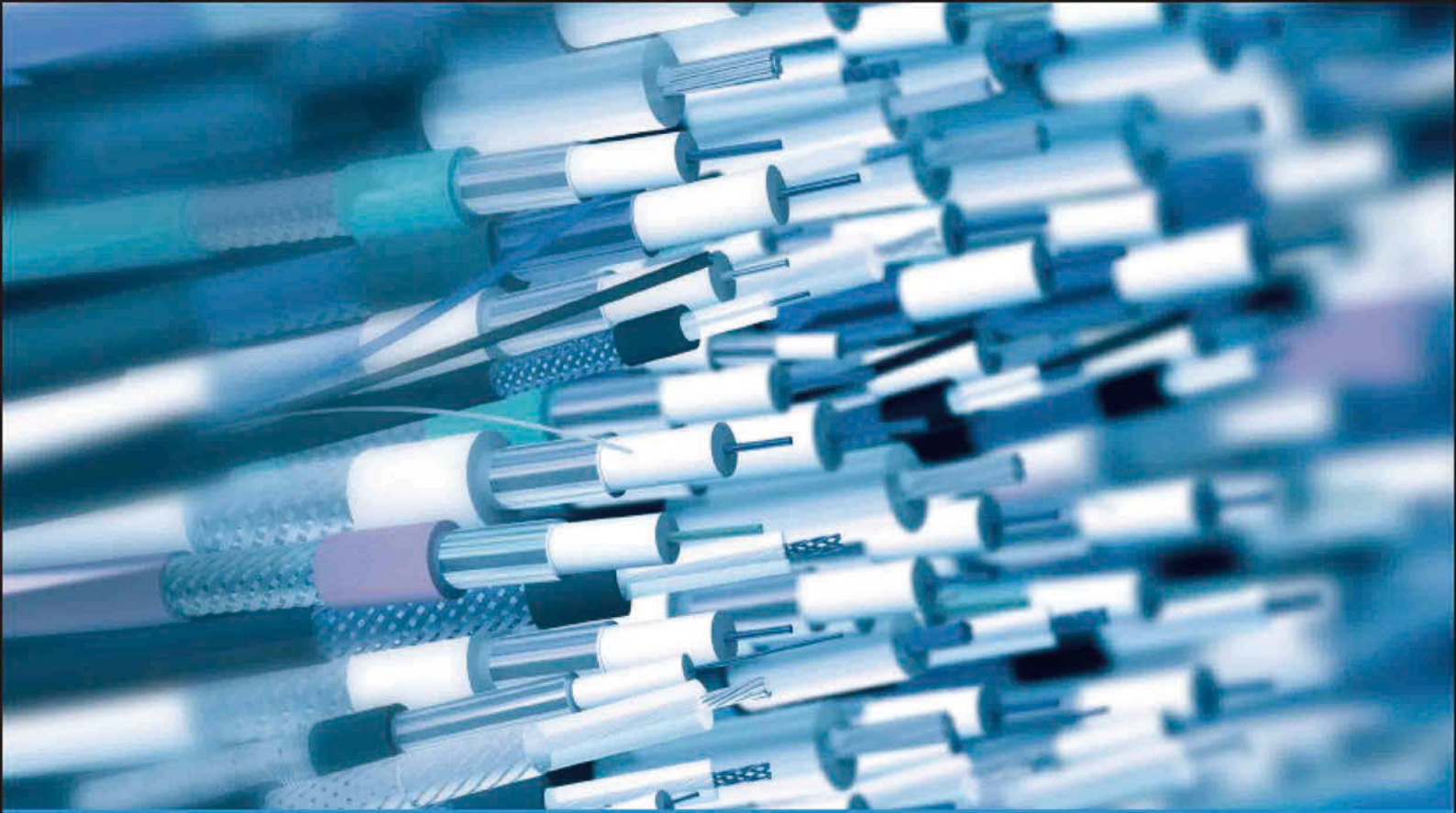
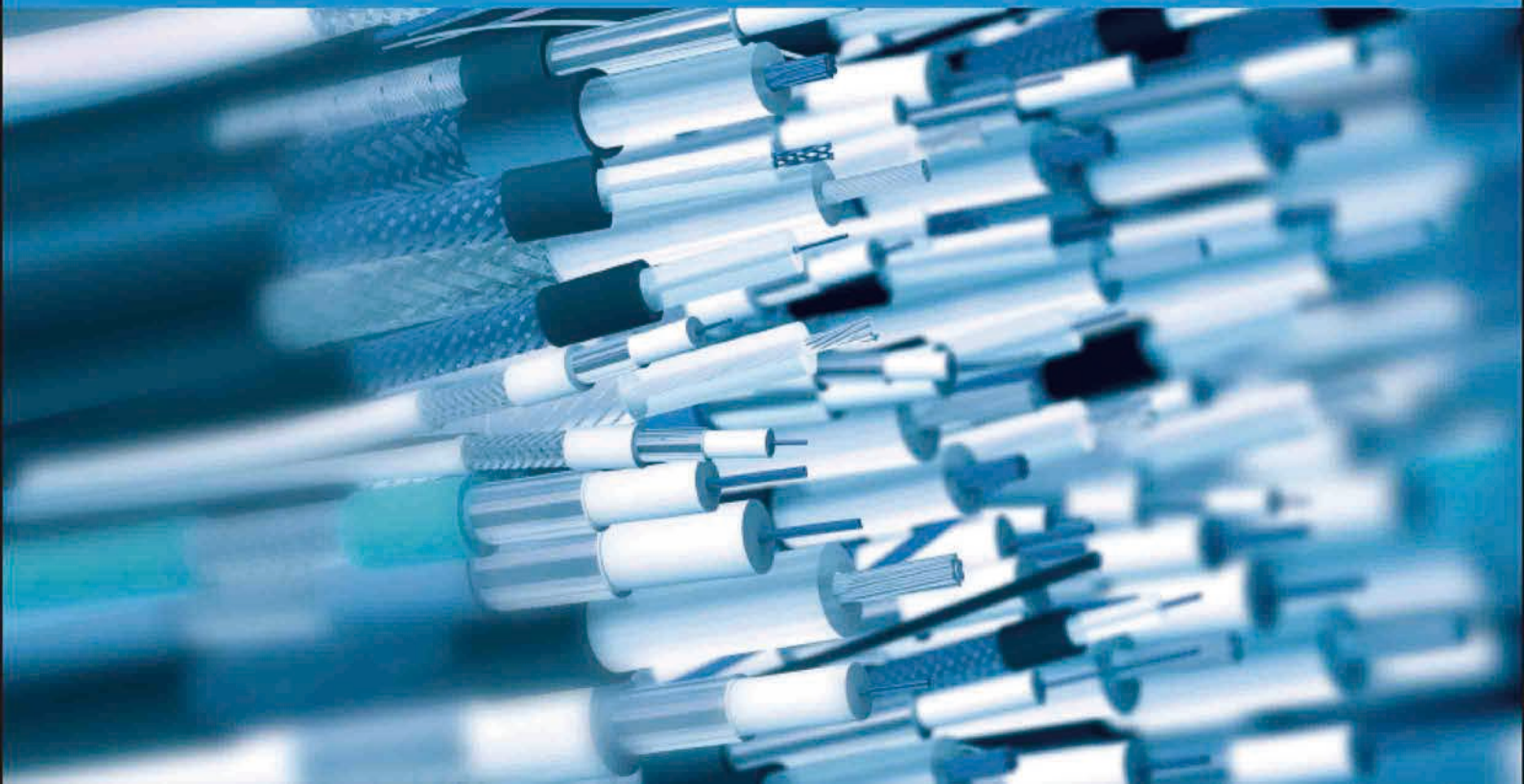




HANGZHOU SPRING ELECTRONICS CO.,LTD
Coaxial Cable Factory



- **BROADBAND CATV, MATV, DBS**
- **STANDARD ANALOG VIDEO**
- **HDTV & DIGITAL**
- **WIRELESS, RF & NETWORK
TRANSMISSION SIGNALS**

BROADBAND CATV, MATV, DBS



Community Antenna Television,
Master Antenna Television,
Direct Broadcasting Satellite



19VATC

19 dB Attenuation Indoor / Outdoor

Application:

Indoor and Outdoor distribution systems cable for sound signals, analogical and digital broadcasting television signals.

Signal frequencies between 5 and 3000 MHz.

Center Conductor:

CCS

Nominal Diameter: 1 x 1.02 mm 18 AWG

Dielectric:

Foam Polyethylene

Nominal Diameter: 4.6mm 0.181"

Shield:

1st Shield: Al/PES/Al Foil 9um/12um/9um: 2mm overlap min

2nd Shield: Al Braid 40% Coverage

Jacket:

White PVC -Indoor

Black PE-Outdoor

Nominal Diameter of Cable: 6.8mm 0.268"

Weight: 47kg/km 31.6lbs/1000ft

Electrical Properties

Impedance @ 200MHz: 75 Ω +/- 3

Nominal Capacitance: 2pF/m 15.8 pF/Ft

Velocity of Propagation: 85%

Conductor Resistance: Inner 85 Ω /km 26 Ω /1000Ft
Outer 65 Ω /km 19.8 Ω /1000Ft

Attenuation: @ 20°C /@ 68°F

@ Frequencies MHz	dB/100m	dB/100ft
200	9.0	2.7
800	18.5	5.6
1000	21.2	6.5
2150	31.4	9.6
3000	38.7	11.8



BROADBAND CATV, MATV, DBS



Community Antenna Television,
Master Antenna Television,
Direct Broadcasting Satellite



19dB C-UK Cu

19 dB Attenuation Indoor / Outdoor

Application:

Indoor and Outdoor distribution systems cable for sound signals, analogical and digital broadcasting television signals.

Signal frequencies between 5 and 3000 MHz.

Center Conductor:

Bare Copper

Nominal Diameter: 1.0 mm 18 AWG

Dielectric:

Foam Polyethylene

Nominal Diameter: 4.6mm 0.181"

Shield:

1st Shield: Cu/PES Foil 9um/12um/9um: 2mm overlap min

2nd Shield: Bare copper Braid 80 x 0.12 min

Jacket:

White PVC -Indoor

Black PE-Outdoor

Nominal Diameter of Cable: 6.55mm 0.258"

Weight: 47kg/km 31.6lbs/1000ft

Electrical Properties

Impedance @ 200MHz: 5 Ω +/- 3

Nominal Capacitance: 52 pF/m 15.8 pF/Ft

Velocity of Propagation: 85%

Conductor Resistance: Inner 26 Ω /km 7.9 Ω /1000Ft

Outer 15 Ω /km 4.6 Ω /1000Ft

Attenuation: @ 20°C /@ 68°F

@ Frequencies MHz	dB/100m	dB/100ft
50	4.6	1.4
200	9.5	2.9
400	14.5	4.4
800	19	5.8
1000	21.5	6.6
2150	32.5	9.9





Community Antenna Television,
Master Antenna Television,
Direct Broadcasting Satellite

RG-6 Quadshield

Application:

These cables are used for CATV applications.

Center Conductor:

Bare Copper

Nominal Diameter: 1.02mm 18 AWG

Dielectric:

Foam Polyethylene

Nominal Diameter: 4.6mm 0.18"

Inner Shield:

1st Shield: Al foil 100% Coverage

2nd Shield: Al braid 60% Coverage

Outer Shield:

1st Shield: Al foil 100% Coverage

2nd Shield: Al braid 60% Coverage

Jacket:

Black PVC

Nominal Diameter of Cable: 7.6mm 0.298"

Electrical Properties

Impedance: 75 Ω +/- 3

Nominal Capacitance: 52 pF/m 15.8pF/Ft

Velocity of Propagation: 85%

Conductor Resistance: Inner 26 Ω /km 7.9 Ω /1000Ft
outer 16 Ω /km 4.9 Ω /1000Ft

Attenuation: @ 20°C /@ 68°F

@ Frequencies MHz	dB/100m	dB/100ft
50	4.9	1.5
200	9.2	2.8
400	13.1	4.0
800	19.0	5.8
1000	21.3	6.5

BROADBAND CATV, MATV, DBS



Community Antenna Television,
Master Antenna Television,
Direct Broadcasting Satellite



17VATC

17 dB Attenuation Indoor / Outdoor

Application:

Drop Cable, Indoor and Outdoor distribution systems cable for sound signals,
analogical and digital broadcasting television signals.
Signal frequencies between 5 and 3000 MHz.

Center Conductor:

Copper
Nominal Diameter: 1 x 1.13 mm 17 AWG

Dielectric:

Foam Polyethylene
Nominal Diameter: 4.8mm 0.189"

Shield:

1st Shield: Al/PES/ Al Foil (9/12/9 μ m)2mm overlap min
2nd Shield: Aluminum Braid 45% Coverage

Jacket:

White PVC -Indoor
Black PE-Outdoor
Nominal Diameter of Cable: 6.8mm 0.268"
Weight: 48kg/km 72 lbs/1000ft

Electrical Properties

Impedance @ 200MHz: 75 Ω +/- 3
Nominal Capacitance: 52 pF/m 15.8pF/Ft
Velocity of propagation: 84%
Conductor Resistance: Inner 18 Ω /km 5.5 Ω /1000Ft
Outer 48 Ω /km 14.6 Ω /1000Ft

Attenuation: @ 20°C /@ 68°F

@ Frequencies MHz	dB/100m	dB/100ft
200	8.1	2.5
400	11.7	3.6
800	17.0	5.2
1350	22.8	6.9
2150	29.8	9.1
3000	36.2	11.0



Community Antenna Television,
Master Antenna Television,
Direct Broadcasting Satellite



MULTICABLE- 17 VATC x4 / x5

17 dB Attenuation Indoor / Outdoor

Application:

Drop Cable, Indoor and Outdoor distribution systems cable for sound signals, analogical and digital broadcasting television signals. Allow to pull one cable only! Signal frequencies between 5 and 3000 MHz.

Center Conductor:

Bare Copper
Nominal Diameter: 1 x 1.13mm 17 AWG

Dielectric:

Foam Polyethylene
Nominal Diameter: 4.8mm 0.189"

Shield:

1st Shield: Al/PES/ Al Foil 100% Coverage
2nd Shield: Aluminum Braid 45% Coverage

Jacket of coax units:

PVC: Black / Red /Green / Yellow + White for 5x type
Nominal Diameter of Cable: 8mm 0.268"

Outer sheath:

Black PVC
Nominal Diameter: 19 mm for 4x Type
Weight: 180kg/km 268 lbs/1000ft
Nominal Diameter: 21 mm 5x Type
Weight: 405kg/km 335 lbs/1000ft

Electrical Properties

Impedance @ 200MHz: 75 Ω +/- 3
Nominal Capacitance: 2 pF/m 15.8 pF/Ft
Velocity of propagation: 84%
Conductor Resistance: Inner 18 Ω /km 5.5 Ω /1000Ft
outer 48 Ω /km 14.6 Ω /1000Ft

Attenuation: @ 20°C /@ 68°F

@ Frequencies MHz	dB/100m	dB/100ft
200	8.1	2.5
400	11.7	3.6
800	17.0	5.2
1350	22.8	6.9
2150	29.8	9.1
3000	36.2	11.0

BROADBAND CATV, MATV, DBS



Community Antenna Television,
Master Antenna Television,
Direct Broadcasting Satellite



11VRTC

11 dB Attenuation Indoor / Outdoor.

Application:

Indoor and Outdoor distribution systems cable for sound signals, analogical and analogical and digital broadcasting television signals.
Signal frequencies between 5 and 3000 MHz.

Center Conductor:

Bare Copper
Nominal Diameter: 1 x 1.7 mm 14 AWG

Dielectric:

Foam Polyethylene
Nominal Diameter: 7.1 mm 0.279"

Shield:

1st Shield: Cu/PE Foil 100% Coverage
2nd Shield: Cu Braid 50% Coverage
Non-Migrating Film: Polyester 100% Coverage

Jacket:

White PVC -Indoor
Black PE-Outdoor
Nominal Diameter of Cable: 10.3mm +/-0.2 / 0.405" +/-0.01
Weight: 106kg/km 157.7 lbs/1000ft

Attenuation: @ 20°C /@ 68°F

Electrical Properties

Impedance @ 200MHz: 75 Ω +/- 3
Nominal Capacitance: 50 pF/m 15.2 pF/Ft
Conductor Resistance: Inner 7.8 Ω /km 2.4 Ω /1000Ft
Outer 16 Ω /km 4.9 Ω /1000Ft

@ Frequencies MHz	dB/100m	dB/100ft
100	3.8	1.2
200	5.4	1.6
800	11.0	3.4
1350	14.6	4.5
2150	18.7	5.7
3000	22.3	6.8



BROADBAND CATV, MATV, DBS



Community Antenna Television,
Master Antenna Television,
Direct Broadcasting Satellite



LNB Twin 5mm

Application:

Indoor distribution systems cable for sound signals, analogical and digital broadcasting television signals. Only one cable for LNB Twin Connexion
Signal frequencies between 5 and 3000 MHz.

Center Conductor:

Bare Copper

Nominal Diameter: 1 x 0.75mm 21 AWG

Dielectric:

Foam Polyethylene

Nominal Diameter: 3.2mm 0.126"

Shield:

1st Shield: Al/PES/ Al Foil 100% Coverage

2nd Shield: Aluminum Braid 45% Coverage

Jacket:

White PE-Indoor

Nominal Diameter of Cable: 5.0mm 0.197"

Weight: 50kg/km 75lbs/1000ft

Electrical Properties

Impedance @ 200MHz: 75 Ω +/- 3

Nominal Capacitance: 52 pF/m 15.8pF/Ft

Velocity of Propagation: 84%

Conductor Resistance: Inner 41 Ω /km 12.5 Ω /1000Ft

Outer 54 Ω /km 16.5 Ω /1000Ft

Attenuation: @ 20°C /@ 68°F

@ Frequencies MHz	dB/100m	dB/100ft
100	8.9	2.7
400	17.5	5.3
800	25.0	7.6
1750	38.5	11.7
2150	42.9	13.9



STANDARD ANALOG VIDEO



RG-59BU

Application:

This cable is used for signal transmissions, in analogical video and video surveillance applications. Fixed and Mobile installations.

Center Conductor:

Copper Clad Steel

Nominal Diameter: 1 x 0.58mm 23 AWG

Dielectric:

Solid Polyethylene

Nominal Diameter: 3.71mm 0.146"

Shield:

Bare Copper Braid: 85% Coverage

Jacket:

Black PVC

Nominal Diameter of Cable: 6.15mm 0.242"

Weight: 49kg/km 72.9lbs/1000ft

Electrical Properties

Impedance:	75 Ω +/- 3	
Nominal Capacitance:	67 pF/m	20.5 pF/Ft
Velocity of Propagation:	66%	
Conductor Resistance:	Inner 238 Ω /km	72.5 Ω /1000Ft
	outer 25 Ω /km	7.6 Ω /1000Ft

Attenuation: @ 20°C /@ 68°F

@ Frequencies MHz	dB/100m	dB/100ft
50	7.7	2.3
100	11.0	3.4
200	16.9	5.2
1000	40.9	12.5
3000	67.0	20.4



STANDARD ANALOG VIDEO



RG-59 CCA

Application:

This cable is used for signal transmissions, in analogical video and video surveillance applications. Fixed and Mobile installations.

Center Conductor:

Copper Clad Steel

Nominal Diameter: 1 x 0.58mm 23 AWG

Dielectric:

Solid Polyethylene

Nominal Diameter: 3.71mm 0.146"

Shield:

Bare Copper Braid: 91% Coverage

Jacket:

Black PVC

Nominal Diameter of Cable: 6.15mm 0.242"

Weight: 49kg/km 72.9lbs/1000ft

Electrical Properties

Impedance: 75 Ω +/- 3

Nominal Capacitance: 67 pF/m 20.5 pF/Ft

Velocity of Propagation: 66%

Conductor Resistance: Inner 238 Ω /km 72.5 Ω /1000Ft

Outer 25 Ω /km 7.6 Ω /1000Ft

Attenuation: @ 20°C /@ 68°F

@ Frequencies MHz	dB/100m	dB/100ft
50	7.7	2.3
100	11.0	3.4
200	16.9	5.2
1000	40.9	12.5
3000	67.0	20.4



STANDARD ANALOG VIDEO



RG-59 Hybrid

Application:

This cable is used for signal transmissions, in analogical video and video surveillance. Allow Pulling one cable for Video transmission and power supply of CCTV.

COAX CABLE

Center Conductor:

Copper Clad Steel
Nominal Diameter: 1 x 0.58mm 23 AWG

Dielectric:

Solid Polyethylene
Nominal Diameter: 3.71mm 0.146"

Shield:

Bare Copper Braid: 85% Coverage

Jacket:

Black PVC
Nominal Diameter of Cable: 6.15mm 0.242"
Weight: 49kg/km 72.9lbs/1000ft

2 CONDUCTORS 0.50 mm²

Conductor:

Stranded copper wires : 16 x 0.20 mm
Section : 0.50 mm²

Insulation:

PVC; Diameter : 2.3 ±0.1mm
Color: Red / Black

Electrical Properties COAX

Impedance: 75 Ω +/- 3
Nominal Capacitance: 67 pF/m 20.5 pF/Ft
Velocity of Propagation: 66%
Conductor Resistance: Inner 238 Ω/km 72.5 Ω/1000Ft
outer 25 Ω/km 7.6 Ω/1000Ft

Attenuation: @ 20°C /@ 68°F

@ Frequencies MHz	dB/100m	dB/100ft
50	7.7	2.3
100	11.0	3.4
200	16.9	5.2
1000	40.9	12.5
3000	67.0	20.4

STANDARD ANALOG VIDEO



RG-11 A/U

Application:

This cable is used for signal transmissions, in analogical video and video surveillance applications. Fixed and Mobile installations.

Center Conductor:

Stranded Tinned Copper

Diameter: 7x0.40 mm 17 AWG

Dielectric:

Solid Polyethylene

Nominal Diameter: 7.24mm 0.285"

Shield:

Bare Copper Braid: 90% Coverage

Jacket:

Black PVC

Nominal Diameter of Cable: 10.3mm 0.405"

Weight: 140kg/km 208 lbs/1000ft

Electrical Properties

Impedance: 75 Ω +/- 3

Nominal Capacitance: 67 pF/m 20.5 pF/Ft

Velocity of Propagation: 66%

Conductor Resistance: Inner 20.7 Ω /km 6.3 Ω /1000Ft
outer 9.8 Ω /km 3.0 Ω /1000Ft

Attenuation: @ 20°C /@ 68°F

@ Frequencies MHz	dB/100m	dB/100ft
100	7.2	2.2
400	15.3	4.7
800	24.6	7.5
1000	29	8.8



KX6 Cu

Application:

This cable is used for signal transmissions, in analogical video and Video surveillance applications.

Center Conductor:

Copper Clad Steel

Nominal Diameter: 7 x 0.2mm 23 AWG

Dielectric:

Solid Polyethylene

Nominal Diameter: 3.7mm 0.146"

Shield:

Bare Copper Braid: 78% Coverage

Jacket:

Black PVC

Nominal Diameter of Cable: 6.15mm 0.242"

Weight: 49kg/km 72.9lbs/1000ft

Electrical Properties

Impedance:	75 Ω +/- 3	
Nominal Capacitance:	67 pF/m	20.5 pF/Ft
Velocity of Propagation:	66%	
Conductor Resistance:	Inner 87.5 Ω /km	26.7 Ω /1000Ft
	outer 21 Ω /km	6.4 Ω /1000Ft

Attenuation: @ 20°C /@ 68°F

@ Frequencies MHz	dB/100m	dB/100ft
10	5	1.5
200	18.1	5.5
1000	45	13.7



KX6 CCA

Application:

is cable is used for signal transmissions, in analogical video and Video surveillance applications.

Center Conductor:

Stranded Tinned Copper

Diameter: 7 x 0.20 mm 23 AWG

Dielectric:

Solid Polyethylene

Nominal Diameter: 3.7mm 0.146"

Shield:

CCA Braid: 78% Coverage

Jacket:

Black PVC

Nominal Diameter of Cable: 6.15mm 0.242"

Weight: 49kg/km 72.9lbs/1000ft

Electrical Properties

Impedance: 75 Ω +/- 3

Nominal Capacitance: 67 pF/m 20.5 pF/Ft

Velocity of Propagation: 66%

Conductor Resistance: Inner 87.5 Ω /km 26.7 Ω /1000Ft
outer 32 Ω /km 9.8 Ω /1000Ft

Attenuation: @ 20°C /@ 68°F

@ Frequencies MHz	dB/100m	dB/100ft
200	<20dB	<6



KX8 CCA

Application:

This cable is used for signal transmissions, in analogical video and video surveillance applications. Fixed and Mobile installations.

Center Conductor:

Copper Clad Steel

Nominal Diameter: 7 x 0.40mm 17 AWG

Dielectric:

Solid Polyethylene

Nominal Diameter: 7.25mm 0.825"

Shield:

CCA Braid: 83% Coverage

Jacket:

Green PVC

Nominal Diameter of Cable: 10.3mm 0.405"

Weight: 122kg/km 182 lbs/1000ft

Electrical Properties

Impedance:	75 Ω +/- 3	
Nominal Capacitance:	67 pF/m	20.5 pF/Ft
Velocity of Propagation:	66%	
Conductor Resistance:	Inner 22.2 Ω /km	6.8 Ω /1000Ft
	Outer 16.5 Ω /km	5.0 Ω /1000Ft

Attenuation: @ 20°C /@ 68°F

@ Frequencies MHz	dB/100m	dB/100ft
10	2.9	0.9
200	10.9	3.3
1000	27.5	8.4



Video 59+

Application:

used for digital and analogical video transmission with fixed installation for broadcast and television signals. Video Surveillance.

Good protection against electromagnetic interferences.

Center Conductor:

Stranded Tinned Copper

Diameter: 1 x 0.80 mm 20 AWG

Dielectric:

Foam Polyethylene

Nominal Diameter: 3.75mm 0.148"

Shield:

1st Shield: Al /PE Foil 100% Coverage

2nd Shield: Tinned copper Braid 63% Coverage

Jacket:

Blue PVC

Nominal Diameter of Cable: 6.0mm 0.236"

Weight: 38.5kg/km 57.3 lbs/1000ft

Electrical Properties

Impedance: 75 Ω +/- 3

Nominal Capacitance: 54 pF/m 16.5 pF/Ft

Velocity of Propagation: 80%

Conductor Resistance: Inner 36 Ω /km 11.0 Ω /1000Ft

Outer 19 Ω /km 5.8 Ω /1000Ft

Attenuation: @ 20°C /@ 68°F

@ Frequencies MHz	dB/100m	dB/100ft
50	6.1	1.9
100	8.4	2.6
200	11.7	3.6
400	17.0	5.2
800	25.1	7.7
1000	28.3	8.6



Video 6+

Application:

used for digital and analogical video transmission with fixed and mobile installation for broadcast and television signals over long distance
Good protection against electromagnetic interferences.

Center Conductor:

Stranded Bare Copper

Diameter: 7x0.40 mm 17 AWG

Dielectric:

Solid Polyethylene

Nominal Diameter: 5.0mm 0.197"

Shield:

1st Shield: Al/ PE /Al Foil 100% Coverage

2nd Shield: Tinned copper Braid 74% Coverage

Jacket:

Green PVC / LSZH Compound

Nominal Diameter of Cable: 6.95mm 0.274"

Weight: 53kg/km 79 lbs/1000ft

Electrical Properties

Impedance: 75 Ω +/- 3

Nominal Capacitance: 54 pF/m 16.5 pF/Ft

Velocity of Propagation: 80%

Conductor Resistance: Inner 19.5 Ω /km 5.9 Ω /1000Ft
outer 11.5 Ω /km 3.5 Ω /1000Ft

Attenuation: @ 20°C /@ 68°F

@ Frequencies MHz	dB/100m	dB/100ft
5	1.6	0.5
10	2.3	0.7
100	6.5	2
1000	23	7
3000	40.5	12.3



HDTV 59

Application:

Digital HDTV Video Links. Fixed Installation.

Center Conductor:

Bare Copper

Nominal Diameter: 1 x 0.80 mm 20 AWG

Dielectric:

Foam Polyethylene

Nominal Diameter: 3.75mm 0.148"

Shield:

1st Shield: Al / PE Foil 100% Coverage

2nd Shield: Tinned copper Braid 93% Coverage

Jacket:

Violet PVC / LSZH Compound

Nominal Diameter of Cable: 6.0 mm 0.236"

Weight: 37.1kg/km 55 lbs/1000ft

Electrical Properties

Impedance: 75 Ω +/- 3

Nominal Capacitance: 54 pF/m 16.5 pF/Ft

Velocity of Propagation: 80%

Conductor Resistance: Inner 36 Ω /km 11 Ω /1000Ft

outer 16 Ω /km 4.9 Ω /1000Ft

Attenuation: @ 20°C /@ 68°F

@ Frequencies MHz	dB/100m	dB/100ft
50	6.1	1.9
100	8.4	2.6
400	17.0	5.2
800	25.1	7.7
1000	28.3	8.6
1500	32.5	9.9
3000	47.1	14.4





HDTV 6

Application:

Digital HDTV Video Links. Fixed Installation.

Center Conductor:

Bare Copper

Nominal Diameter: 1 x 1.02 mm 18 AWG

Dielectric:

Foam Polyethylene

Nominal Diameter: 4.6mm 0.191"

Shield:

1st Shield: Al/Polyester/Al Foil 100% Coverage

2nd Shield: Tinned copper Braid 95% Coverage

Jacket:

Violet PVC / LSZH compound

Nominal Diameter of Cable: 6.95mm 0.274"

Weight: 58.5kg/km 87.1 lbs/1000ft

Electrical Properties

Impedance: 75 Ω +/- 3

Capacitance: 54 pF/m +/- 2

Velocity of Propagation: 82%

Conductor Resistance: Inner 22 Ω /km 6.7 Ω /1000Ft
outer 10.2 Ω /km 3.1 Ω /1000Ft

Attenuation: @ 20°C /@ 68°F

@ Frequencies MHz	dB/100m	dB/100ft
10	2.4	0.7
100	6.0	1.8
500	13.3	4.1
750	16.4	5.0
1000	19.3	5.9
1500	24.0	7.3
3000	35.0	10.7



HDTV 11

Application:

Digital HDTV Video Links. Fixed Installation for broadcast an television.

Center Conductor:

Bare Copper

Nominal Diameter: 1 x 1.62 mm 14 AWG

Dielectric:

Foam Polyethylene

Nominal Diameter: 7.15mm 0.281"

Shield:

1st Shield: Al/PES/ AlFoil 100% Coverage

2nd Shield: Tinned copper Braid 95% Coverage

Jacket:

Violet Flexible PVC/ LSZH

Nominal Diameter of Cable: 10.10mm 0.398"

Weight: 113kg/km 168.2 lbs/1000ft

Electrical Properties

Impedance: 75 Ω +/- 3

Nominal Capacitance: 52 pF/m 15.8 pF/Ft

Velocity of Propagation: 85%

Conductor Resistance: Inner 8.8 Ω /km 2.7 Ω /1000Ft

outer 7.4 Ω /km 2.3 Ω /1000Ft

Attenuation: @ 20°C /@ 68°F

@ Frequencies MHz	dB/100m	dB/100ft
10	1.5	0.5
100	4.2	1.3
1000	14.1	4.3
1500	18	5.5
3000	26.9	8.2

Wireless, RF and Network Transmission Signals



RG-58C/U 50 Ω

MIL-C-17G

Application:

These cables are used for transmission of radio frequency signals and for network infrastructure. Operating lengths are different depending on references.

Center Conductor:

Tinned Copper

Diameter: 19x0.18 mm 19 AWG

Dielectric:

Solid Polyethylene

Nominal Diameter: 2.95mm 0.116"

Shield:

Tinned copper Braid: 85% Coverage

Jacket:

Black PVC

Nominal Diameter of Cable: 4.95mm 0.195"

Weight: 38kg/km 57 lbs/1000ft

Electrical Properties

Impedance:	50 Ω +/- 3	
Nominal Capacitance:	100 pF/m	30.5 pF/Ft
Velocity of Propagation:	66%	
Conductor Resistance:	Inner 41.2 Ω /km	12.6 Ω /1000Ft
	Outer 16 Ω /km	4.9 Ω /1000Ft

Attenuation: @ 20°C /@ 68°F

@ Frequencies MHz	dB/100m	dB/100ft
50	10.9	3.3
200	23.0	7.0
400	33.8	10.3
600	42.5	13.0



Wireless, RF and Network Transmission Signals



RG-213U PATCH 50 Ω

MIL-C-17G

Application:

These cables are used for transmission of radio frequency signals and for network infrastructure. Operating lengths are different depending on references.

Center Conductor:

Stranded Bare Copper

Diameter: 7x0.75 mm 11 AWG

Dielectric:

Solid Polyethylene

Nominal Diameter: 7.25mm 0.285"

Shield:

Copper Braid: 84% Coverage

Jacket:

Black PVC

Nominal Diameter of Cable: 10.3mm 0.406"

Weight: 137kg/km 204 lbs/1000ft

Electrical Properties

Impedance: 50 Ω +/- 3

Nominal Capacitance: 100 pF/m 30.5 pF/Ft

Velocity of Propagation: 66%

Conductor Resistance: Inner 6.6 Ω /km 2.0 Ω /1000Ft

Outer 12.3 Ω /km 3.7 Ω /1000Ft

Attenuation: @ 20°C /@ 68°F

@ Frequencies MHz	dB/100m	dB/100ft
50	4.6	1.4
200	9.5	2.9
800	21.2	6.5
1000	24.5	7.5



Wireless, RF and Network Transmission Signals



RG-214U 50 Ω

MIL-C-17G

Application:

These cables are used for transmission of radio frequency signals and for network infrastructure. Operating lengths are different depending on references.

Center Conductor:

Silvered Copper

Nominal Diameter: 7x0.75 mm 11 AWG

Dielectric:

Solid Polyethylene

Nominal Diameter: 7.25mm 0.285"

Shield:

Shield: Double Silvered Copper Braid 83% and 88%

Jacket:

Black PVC

Nominal Diameter of Cable: 10.8mm 0.425"

Weight: 202kg/km 300.4 lbs/1000ft

Electrical Properties

Impedance:	50 Ω +/- 3	
Nominal Capacitance:	105 pF/m	32 pF/Ft
Velocity of Propagation:	66%	
Conductor Resistance:	Inner 5.8 Ω /km	1.8 Ω /1000Ft
	Outer 4.8 Ω /km	1.5 Ω /1000Ft

Attenuation: @ 20°C /@ 68°F

@ Frequencies MHz	dB/100m	dB/100ft
50	4.8	1.5
100	7.0	2.1
200	10.3	3.1
400	15.4	4.7
800	23.3	7.1
1000	26.6	8.1

Wireless, RF and Network Transmission Signals



RG-8 50 Ω

Application:

These cables are used for transmission of radio frequency signals and for network infrastructure.

Center Conductor:

Stranded bare Copper

Nominal Diameter: 7x 0.72 mm 13 AWG

Dielectric:

Solid PE

Nominal Diameter: 7.2mm 0.285"

Shield:

1st Shield: Al/Polyester 100% Coverage

2nd Shield: Tinned Copper Braid 95% Coverage

Jacket:

Black PVC

Nominal Diameter of Cable: 10.4mm 0.410"

Weight: 160kg/km 238 lbs/1000ft

Electrical Properties

Impedance: 50 Ω +/- 3

Nominal Capacitance: 75 pF/m 23 pF/Ft

Velocity of Propagation: 66%

Conductor Resistance: Inner 6.5 Ω /km 2.0 Ω /1000Ft

Outer 8.5 Ω /km 2.6 Ω /1000Ft

Attenuation: @ 20°C /@ 68°F

@ Frequencies MHz	dB/100m	dB/100ft
200	8.5	2.6
400	11.5	3.5
900	18.3	5.6
2000	29.1	8.9



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PROFILE

COAX Cables for :

- Broadband CATV, MATV, & DBS
- Standard Analog Video
- Digital and HD Video
- Wireless, RF and network Transmission Signals

Our Aim is to offer our Customers a strategic advantage through:

- Quality and Reliability of our Products: ISO9001-2000 Certified
- Service and Delivery: Daily Commitment to your target
- Competent and Professional collaboration: Flexibility in manufacturing your datasheet
- Competitive Prices

Our constant effort in providing excellent support to our customers allows us to distribute our products around the globe.

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