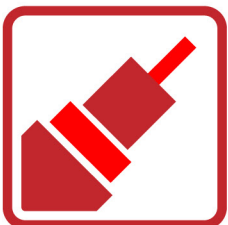




EURONET

ISO 9001: 2015 CERTIFIED



CCTV CAMERA CABLE DATASHEET

Features:

- 305m RGS9 coaxial cable with power cable
- Conductor material of Coaxial cable 1s CCS(Copper-clad Steel)
- Braiding material of Coaxial cable is CCA(Copper-clad Aluminum)
- Conductor material of power cable is CCA(Copper-clad Aluminum)
- VW-1 flame retardant rating
- Excellent anti-interference performance
- Excellent anti-aging performance



TECHNICAL SPECIFICATIONS

Model		RG59+2DC COAXIAL POWER
Coaxial Cable		
Conductor	Material	CCS(Copper-clad Steel)
	Wire Gauge	20AWG
	Diameter	0.81 ± 0.01mm
Insulation	Material	FPE
	Diameter	3.66 ± 0.05mm
Tape	Material	Shielding Aluminum Foil ,14mmwidth
	Thickness	0.04mm
Braid	Material	CCA(Copper-clad Aluminum)
	Braiding Standard	8*16*0.12mm
	Braiding Density	95 ± 1%
Jacket	Material	PVC
	Average Thickness	≥0.65mm
	Diameter	6.10±0.2mm
Impedance		75ohms
Power Cable		
Conductor	Material	CCA(Copper-clad Aluminum)
	Quantity	2
	Diameter	7*0.37 ± 0.01mm
Insulation	Material	PE(Flame Retardant)
	Diameter	1.8 ± 0.1mm
Jacket	Material	PVC
	Average Thickness	≥0.3mm
General		
Length		305m
Color		Black
Operating Temperature		-40-80°C
Storage Temperature		-20-70°C
Weight		16KG
Dimensions (L x W x H)		33*33*31CM

Features:

- Stable electrical performance, compliant with ANSI/TIA-568-C.2 IEC61156, ISO/IEC11801
- Compliant with RoHS 2.0
- Sheath with strong mechanical properties, and high tensile and compressive strength, reducing damage during the project
- Excellent performance in the Fluke 90-meter permanent link test while working continuously at 50°C high temperature
- Excellent performance in the Fluke 100-meter channel test while being continuously loaded with 57 V/1 A DC power(PoE)
- Solid-Bare Copper conductor with less resistance, and better electrical properties and transmission performance

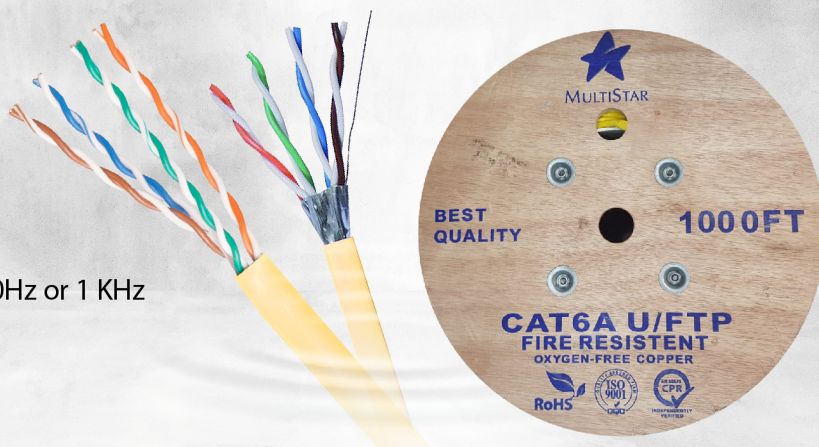


TECHNICAL SPECIFICATIONS

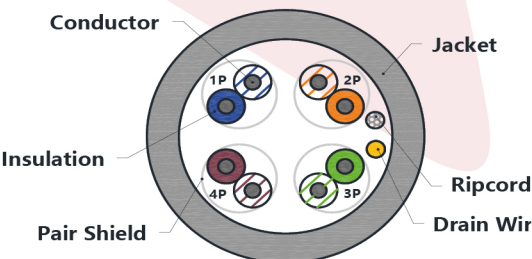

Model	JY-CAT6	
Category	Cat.6	
Sheath printing	according to your requirements	
Reference standard	ISO/IEC11801, ANSI/TIA-568-C.2, RoHS 2.0	
Fire resistance	Yes	
Conductor	Material	CCA
	Diameter	0.57 ± 0.005 mm, 23 AWG
Insulation	Material	HDPE
	Diameter	1.03 ± 0.05 mm
Sheath	Thickness	0.65 ± 0.10 mm
	Diameter	6.30 ± 0.30 mm
	Material	PVC
	Color	according to your requirements
Rip-cord	Yes	
Separator	Yes	
Sheath physical properties	Before aging	Tensile strength ≥ 13.5 Mpa Elongation ≥ 150%
	Aging period	100°C × 24h × 10d
	After aging	Tensile strength ≥ 12.5 Mpa Elongation ≥ 125%
	Cold bend	-20 ± 2°C × 4h, 8 × cable O.D, no visible cracks
Electrical Characteristics (20°C)	1.0-250.0 MHz impedance	100 ± 15 Ω @ ≤ 100 MHz
		100 ± 25 Ω @100-250 MHz
	1.0-250.0 MHz delay skew	≤ 45 ns/100 m
	DC resistance	≤ 9.38 Ω/100 m
	DC conductor resistance unbalance	≤ 5.0%
	Package dimension	330 mm (W) × 330 mm (H) × 270 mm (D) (15.75" × 15.75" × 9.45")
	Weight	13 kg
	Cable length	(305 ± 1.5) m
Ambient temperature	-20°C to 75°C (-4°F to 167°F)	
Operating voltage	60 V	

Features:

- Conductor Resistance at 20°C
- Resistance unbalance within a pair
- Dielectric Strength
- Insulation Resistance
- Mutual capacitance
- Capacitance unbalance pair to ground at 800Hz or 1 KHz
- Characteristic impedance at 100MHz
- Spark Test



TECHNICAL SPECIFICATIONS

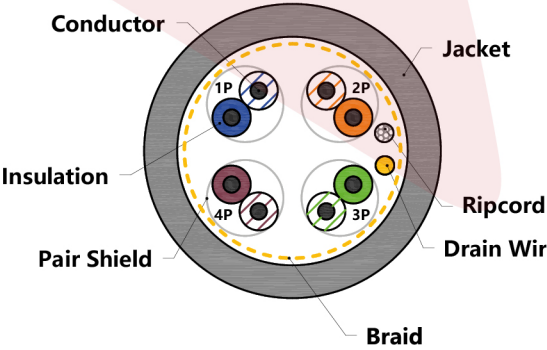

Product Design Card					
Product Description: Cat 6A U/FTP 4 X 2 X 0.585					
Rev.: A		ECN Description:			
Construction Item Description		Electrical Property			
Conductor	Material	Bare Solid Copper (elongation: 19-24%)	Conductor Resistance at 20°C		
	OD	0.585 ± 0.005 mm	Resistance unbalance within a pair		
Insulation	Material	PE Skin-Foam-Skin	Insulation Resistance at 20°C after 2min of electrification under a DC voltage between 100 & 500V		
	OD	1.35 ± 0.01 mm	Mutual capacitance		
	Average THK	0.385 mm	Capacitance unbalance pair to ground at 800Hz or 1 kHz		
	Color	1p: white + 2 blue stripes & blue	Characteristic impedance at 100MHz	100 ± 5 Ω	
		2p: white + 2 orange stripes & orange	Dielectric Strength Test Voltage (cd/cd,cd/screen): 1.00KV DC or 0.7 KV AC for 1 min	No breakdown	
3p: white + 2 green stripes & green		Mechanical Property			
Pair Twist	Lay & Direction	4p: white + 2 brown stripes & brown	elongation before aging	≥ 300%	
		1p: S=19.0 mm (27%)	tensile strength before aging	≥ 12 MPa	
		2p: S=23.5 mm (35%)	elongation after aging	≥ 150 %	
		3p: S=21.5 mm (31%)	tensile strength after aging	≥ 10.5 MPa	
	OD	/	elongation before aging	≥ 150 %	
Inner Assemble	Lay	S=100 ± 5 mm	tensile strength before aging	≥ 13.5 MPa	
			Direction	elongation after aging	≥ 125 %
				tensile strength after aging	≥ 12.5 MPa
Filler	cross member 4.8X4.8X0.5mmT	Packing			
Filler	OD	/	Drum Dimension	370 x 200 x 220 x 9 mm	
	Ripcord	300D	Drum Diameter	40 cm	
	Drain Wire	Tinned Copper	Weight	20 kg	
Pair Shield	Shield	Pair Shield			
	Construction	/			
	Material	Polyester/Aluminium (PET/ALU)			
Jacket	Coverage	≥ 115%			
	Material	PVC, 60P, -20~75°C			
	Hardness	81± 3			
	OD	7.5 ± 0.2			
	Average THK	0.60 ~ 0.70			
Marking	Color	according to the customer's requirements			
	Marking Color	black			
Marking		according to the customer's requirements			

Features:

- Conductor Resistance at 20°C
- Resistance unbalance within a pair
- Dielectric Strength
- Insulation Resistance
- Mutual capacitance
- Capacitance unbalance pair to ground at 800Hz or 1 KHz
- Characteristic impedance at 100MHz
- Spark Test



TECHNICAL SPECIFICATIONS

Product Design Card					
Product Description: Cat 7 S/FTP 4 X 2 X 0.578					
Rev.: A		ECN Description:			
Construction Item Description			Electrical Property		
Conductor	Material	Bare Solid Copper (elongation: 19-24%)	Conductor Resistance at 20°C	≤ 9.5 Ω / 100m	
	OD	0.578 ± 0.001 mm	Resistance unbalance within a pair	≤ 2%	
Insulation	Material	PE Skin-Foam-Skin	Insulation Resistance at 20°C after 2min of electrification under a DC voltage between 100 & 500V	>1500 MΩ / 100m	
	OD	1.330 ± 0.005 mm	Mutual capacitance	5600 pF / 100m MAX	
	Average THK	0.376 mm	Capacitance unbalance pair to ground at 800Hz or 1 kHz	≤ 160 pF / 100m	
	Color	1p: white + 2 blue stripes & blue	Characteristic impedance at 100MHz	Dielectric Strength Test Voltage (cd/cd,cd/screen): 1.00KV DC or 0.7 KV AC for 1 min	100 ± 15 Ω
		2p: white + 2 orange stripes & orange			
3p: white + 2 green stripes & green					
4p: white + 2 brown stripes & brown	Mechanical Property			No breakdown	
Pair Twist					Lay & Direction
	2p: S=23.5 mm (31%)	tensile strength before aging	≥ 12 MPa		
	3p: S=21.5 mm (33%)	elongation after aging	≥ 150 %		
	4p: S=25.0 mm (36%)	tensile strength after aging	≥ 10.5 MPa		
Inner Assemble	OD	S=100 ± 5 mm	jacket	elongation before aging	≥ 150 %
				tensile strength before aging	≥ 13.5 MPa
				elongation after aging	≥ 125 %
				tensile strength after aging	≥ 12.5 MPa
Filler	Ripcord	3*250D	Packing		
	Drain Wire	Tinned Copper	Drum - Diameter	40 cm	
Pair Shield	Shield	Pair Shield	Weight	20 kg	
	Construction	/			
	Material	Polyester/Aluminium (PET/ALU)			
Coverage	≥ 115%				
Braid	Material	φ 0.12mm Al			
	Coverage	≥ 40%			
Jacket	Material	PVC, 60P, -20~75°C			
	Hardness	81± 3			
	OD	8.1 ± 0.2			
	Average THK	0.55 ~ 0.65			
	Color	according to the customer's requirements			
Marking	Marking Color	black			
		according to the customer's requirements			

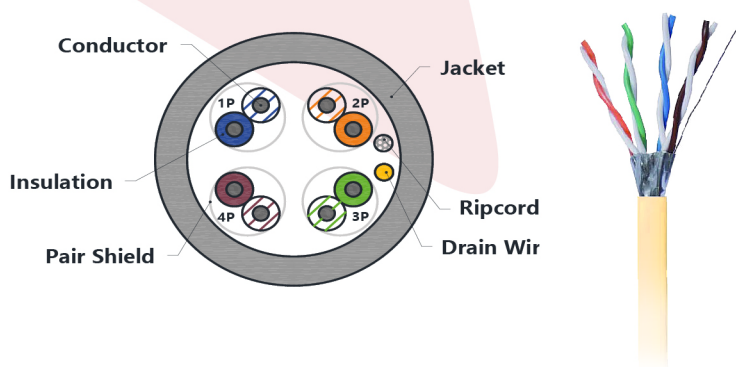
Features:

- Conductor Resistance at 20°C
- Resistance unbalance within a pair
- Dielectric Strength
- Insulation Resistance
- Mutual capacitance
- Capacitance unbalance pair to ground at 800Hz or 1 KHz
- Characteristic impedance at 100MHz
- Spark Test



TECHNICAL SPECIFICATIONS

Product Design Card					
Product Description: Cat 6A U/FTP 4 X 2 X 0.585					
Rev.: A		ECN Description:			
Construction Item Description		Electrical Property			
Conductor	Material	Bare Solid Copper (elongation: 19-24%)	Conductor Resistance at 20°C		
	OD	0.585 ± 0.005 mm	Resistance unbalance within a pair		
Insulation	Material	PE Skin-Foam-Skin	Insulation Resistance at 20°C after 2min of electrification under a DC voltage between 100 & 500V		
	OD	1.35 ± 0.01 mm	Mutual capacitance		
	Average THK	0.385 mm	Capacitance unbalance pair to ground at 800Hz or 1 kHz		
	Color	1p: white + 2 blue stripes & blue	Characteristic impedance at 100MHz	100 ± 5 Ω	
		2p: white + 2 orange stripes & orange	Dielectric Strength Test Voltage (cd/cd,cd/screen): 1.00KV DC or 0.7 KV AC for 1 min	No breakdown	
3p: white + 2 green stripes & green		Mechanical Property			
Pair Twist	Lay & Direction	4p: white + 2 brown stripes & brown	elongation before aging	≥ 300%	
		1p: S=19.0 mm (27%)	tensile strength before aging	≥ 12 MPa	
		2p: S=23.5 mm (35%)	elongation after aging	≥ 150 %	
		3p: S=21.5 mm (31%)	tensile strength after aging	≥ 10.5 MPa	
Inner Assemble	Lay	4p: S=27.0 mm (40%)	elongation before aging	≥ 150 %	
		OD	/	tensile strength before aging	≥ 13.5 MPa
		Direction	S=100 ± 5 mm	elongation after aging	≥ 125 %
		Filler	according to the drawing	tensile strength after aging	≥ 12.5 MPa
Filler	OD	cross member 4.8X4.8X0.5mmT	Packing		
		Ripcord	300D	Drum Dimension	370 x 200 x 220 x 9 mm
		Drain Wire	Tinned Copper	Drum Diameter	40 cm
Pair Shield	Shield	Pair Shield	Weight	20 kg	
		Construction	/		
		Material	Polyester/Aluminium (PET/ALU)		
		Coverage	≥ 115%		
Jacket	Jacket	Material	PVC, 60P, -20~75°C		
		Hardness	81± 3		
		OD	7.5 ± 0.2		
		Average THK	0.60 ~ 0.70		
		Color	according to the customer's requirements		
Marking	Marking Color	black			
		according to the customer's requirements			



Certificate

Standard **ISO 9001:2015**

Certificate Registr. No. **01 100 2122578/01**

Organization:



Smart Euronet Electronics LLC

Shop No 2&3, Al Shams Building, Naif Satellite Market,
Behind Naif Park, Deira,
Dubai,
United Arab Emirates

Site:

c/o Smart Euronet Electronics LLC

Shop No 2&3, Al Shams Building, Naif Satellite Market,
Behind Naif Park, Deira,
Dubai,
United Arab Emirates

Scope:

Trading of Refrigerators, Washing machines & Household
Electrical Appliances, Satellite receiving Equipment, Solar Energy
Systems & Components, Security control & Alarm Equipment,
Electrical & Electronic Appliances Spare parts

Validity:

Proof has been furnished by means of an audit that the
requirements of ISO 9001:2015 are met.

The certificate is valid in conjunction with the main certificate 01
100 2122578 from 2021-07-26 until 2024-07-25.

2021-08-03



TÜV Rheinland Cert GmbH
Am Grauen Stein · 51105 Köln



MULTISTAR TRADING COMPANY

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