

UNIRISING CABLE

HUZHOU HONGTONG ELECTRONIC
CABLE CO.,LTD

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🔍 BROWS

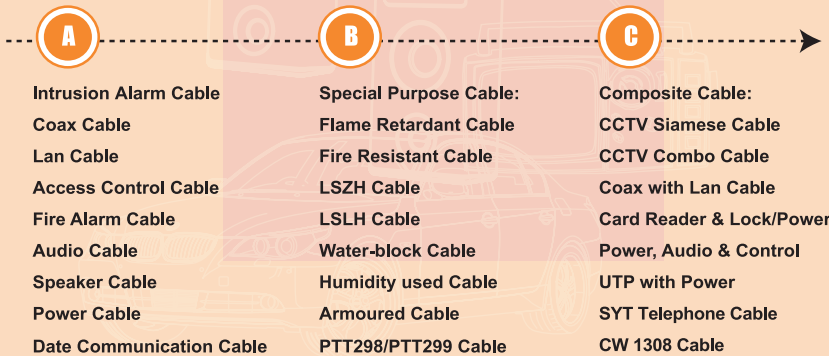




About Us

We, Huzhou Hongtong Electronic Cable Co.,Ltd. are one of the biggest manufacturers in Chinese security industry, especially in all kinds of low voltage cable products since 2001. We only produce quality guaranteed cable products. Our company uses new material and pure copper as conductor to manufacture cable. With good quality material, reasonable design and strict production & test without any compromise, our cable can pass mechanical, electricity and physical characteristic for long time use with no problem. Our cable is mainly used in all kinds of low voltage system projects.

Our advantages for cable products are below,



UNIRISING CABLE

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CCTV Siamese Cable & CCTV Combo Cable

Photo		Model No.	Structure	Conductor		Dielectric		Shield	Outer Jacket			
				Material	Dia.	Material	Dia.		Material	Dia.		
		RG59 23AWG + 2x0.5mm ²	Video Cable	BC	1/0.58	S-PE	3.70	80%	PVC/ Flexible PVC	11.0x6.0		
			Power Cable	BC/TC	2x16/0.20	PVC	1.90	/		12.0x6.0		
		RG59 23AWG + 2x0.75mm ²	Video Cable	BC	1/0.58	S-PE	3.70	80%		11.0x6.0		
			Power Cable	BC/TC	2x24/0.20	PVC	2.30	/		12.0x6.0		
		RG59 20AWG + 2x0.5mm ²	Video Cable	BC	1/0.80	F-PE	3.70	AI-foil+80%		11.0x6.0		
			Power Cable	BC/TC	2x16/0.20	PVC	1.90	/		12.0x6.0		
		RG59 20AWG + 2x0.75mm ²	Video Cable	BC	1/0.80	F-PE	3.70	AI-foil+80%		14.0x7.0		
			Power Cable	BC/TC	2x24/0.20	PVC	2.30	/		14.0x7.0		
			RG59 23AWG + 2x0.5mm ²	Video Cable	BC	1/0.58	S-PE	3.70		80%	PVC/ Flexible PVC	9.60
				Power Cable	BC/TC	2x16/0.20	PVC	1.90		/		10.20
		RG59 23AWG + 2x0.75mm ²	Video Cable	BC	1/0.58	S-PE	3.70	80%	9.60			
			Power Cable	BC/TC	2x24/0.20	PVC	2.30	/	10.20			
		RG59 20AWG + 2x0.5mm ²	Video Cable	BC	1/0.80	F-PE	3.70	AI-foil+80%	5.30			
			Power Cable	BC/TC	2x16/0.20	PVC	1.90	/	8.0			
		RG59 20AWG + 2x0.75mm ²	Video Cable	BC	1/0.80	F-PE	3.70	AI-foil+80%	13.70			
			Power Cable	BC/TC	2x24/0.20	PVC	2.30	/	13.0			
		Mini Coax + 2x0.12mm ²	Video Cable	BC	7/0.12	S-PE	1.50	88%	Flexible PVC	5.30		
			Power Cable	BC/TC	2x7/0.15	PVC	1.20	/		8.0		
	Mini RG59 + 2x0.22mm ²	Video Cable	BC	1/0.48	S-PE	3.00	80%	Flexible PVC	13.70			
		Power Cable	BC/TC	2x7/0.20	PVC	1.40	/		13.0			
		RG59 23AWG + 2x0.5mm ² + 1Pr RS-485	Video Cable	BC	1/0.58	S-PE	3.70	80%	Flexible PVC	13.70		
			Power Cable	BC/TC	2x16/0.20	PVC	1.90	/		13.0		
			Control Cable	BC/TC	2x7/0.20	S-PE	2.00	AI-foil		13.0		
			Control Cable	BC/TC	2x7/0.20	PVC	2.00	AI-foil		13.0		
		CCTV Cable for Elevator	Video Cable	BC	56/0.10	PVC	2.90	90%	Flexible PVC	17.20x6.0		
			Power Cable		2x95/0.10	PVC	2.30	/				
			Control Cable		Steel Wire	19/0.24	PVC	/			/	
			Control Cable		Steel Wire	19/0.24	PVC	/			/	

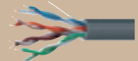

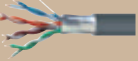









Fire Alarm Cable & Fire Resistant Cable

Photo		Model No.	Conductor Pure Copper	Fire Resistance	Insulation		Shield	Outer Jacket	
					Material	Dia.		Material	Dia.
		FA-2x0.22	2x1/0.50	/	Fr-PVC	1.30	/	LSZH	3.60
		FA-2x0.5	2x1/0.80	/	Fr-PVC	1.90	/	LSZH	5.00
		FA-2x0.75	2x1/0.97	/	Fr-PVC	2.30	/	LSZH	6.20
		FA-2x1.0	2x1/1.13	/	Fr-PVC	2.50	/	LSZH	6.60
		FA-2x1.5	2x1/1.38	/	Fr-PVC	2.90	/	LSZH	7.40
		FA-2x2.5	2x1/1.78	/	Fr-PVC	3.40	/	LSZH	8.80
		FA-2x0.22S	2x1/0.50	/	Fr-PVC	1.30	AI-foil	LSZH	3.70
		FA-2x0.5S	2x1/0.80	/	Fr-PVC	1.90	AI-foil	LSZH	5.20
		FA-2x0.75S	2x1/0.97	/	Fr-PVC	2.30	AI-foil	LSZH	6.40
		FA-2x1.0S	2x1/1.13	/	Fr-PVC	2.50	AI-foil	LSZH	6.80
		FA-2x1.5S	2x1/1.38	/	Fr-PVC	2.90	AI-foil	LSZH	7.60
		FA-2x2.5S	2x1/1.78	/	Fr-PVC	3.40	AI-foil	LSZH	9.00
		FR-2x1.0	2x1/1.13	Mica Tape	Fr-PVC	3.30	/	Fr-PVC	8.60
		FR-2x1.5	2x1/1.38	Mica Tape	Fr-PVC	3.70	/	Fr-PVC	9.80
		FR-2x2.0	2x1/1.60	Mica Tape	Fr-PVC	4.10	/	Fr-PVC	10.60
		FR-2x2.5	2x1/1.78	Mica Tape	Fr-PVC	4.30	/	Fr-PVC	11.00
		FR-3x1.0	3x1/1.13	Mica Tape	Fr-PVC	3.30	/	Fr-PVC	9.10
		FR-3x1.5	3x1/1.38	Mica Tape	Fr-PVC	3.70	/	Fr-PVC	10.40
		FR-3x2.0	3x1/1.60	Mica Tape	Fr-PVC	4.10	/	Fr-PVC	11.30
		FR-3x2.5	3x1/1.78	Mica Tape	Fr-PVC	4.30	/	Fr-PVC	11.70

Coax Cable

Photo	Model No.	Conductor		Dielectric		Shield		Outer Jacket	
		Material	Dia.	Material	Dia.	Material	Coverage		
		RG59 23AWG	BC	1/0.58	S-PE	3.70	BC/CCA	80%	6.0
		Mini RG59	BC	1/0.48	S-PE	3.00	BC/CCA	80%	5.0
		3C-2V	BC	1/0.50	S-PE	3.10	BC/CCA	80%	5.40
		5C-2V	BC	1/0.80	S-PE	4.90	BC/CCA	80%	7.20
		SYV75-2-2	BC	1/0.25	S-PE	1.50	BC	85%	2.90
		RG58	BC	1/0.80	S-PE	3.00	BC/CCA	80%	5.00
		RG213	BC	7/0.75	S-PE	7.25	BC/CCA	80%	10.30
		RG214	BC	7/0.75	S-PE	7.25	BC/CCA	60%+80%	10.80
		RG59 20AWG	BC	1/0.80	F-PE	3.70	TC/AL	100%+80%	6.0
		RG6	BC/CCS	1/1.0	F-PE	4.60	TC/AL	100%+43%	7.0
		HD-SDI Cable (RG59)	BC	1/0.81	F-PE	3.66	TC/AL	100%+90%	6.0
		HD-SDI Cable (RG-6)	BC	1/1.02	F-PE	4.60	TC/AL	100%+90%	7.0
		RG11	BC/CCS	1/1.66	F-PE	7.25	TC/AL	100%+40%	10.3

Network Cable

Photo	Model No.	Conductor		Dielectric		Shield		Outer Jacket		
		Material	Dia.	Material	Dia.	Material	Coverage	Material	Dia.	
		Cat.5e UTP	BC	1/0.50	HDPE	0.90	/	/	PVC/PE/F-PVC/LSZH	5.10±0.20
		Cat.5e F/UTP	BC	1/0.52	HDPE	1.00	Al-foil	100%		5.60±0.20
		Cat.5e SF/UTP	BC	1/0.52	HDPE	1.00	Al-foil+TC	100%+30%	PVC/PE/F-PVC/LSZH	6.10±0.20
		Cat.6 UTP	BC	1/0.57	HDPE	1.06	/	/		6.30±0.20
		Cat.6 F/UTP	BC	1/0.57	HDPE	1.10	Al-foil	100%	PVC/PE/F-PVC/LSZH	6.80±0.20
		Cat.6 SF/UTP	BC	1/0.58	HDPE	1.10	Al-foil	100%+30%		7.20±0.20

PTT 278

- Conductor:** Solid bare copper
Diameter 4/10: $\varnothing=0.40\pm 0.02\text{mm}$
Diameter 6/10: $\varnothing=0.60\pm 0.02\text{mm}$
- Insulation:** Polyethylene
Thickness: to be adjusted to electrical requirements
- Assembly of Wires:** The wires are twisted together in star quad units. Quad lay length < 200mm
- Overall Synthetic Tape:** Polyester tape overlapping the general assembly
Nominal polyester thickness = 0.023mm
Minimum recovering: 4mm
- Screen:** Aluminium polyester tape (aluminium face inside), Recovering > 4mm,
Minimum aluminium thickness: 0.025 mm ,
Minimum total thickness: 0.04mm + Drain solid tinned copper wire 0.45 mm in contact with the aluminium face.
- Rip Cord:** Under the outer sheath
- Outer Sheath:** PVC, TM51 according to NFC 32-061



Thickness, Diameters & Weight

Number of pairs	Number of bundles	Maximum lay Of assembly	Minimum Sheath Thickness		Maximum diameter Over sheath (mm)	
			Cond 4/10	Cond 6/10	Cond 4/10	Cond 6/10
8	1 (1 X 4 quads)	400	1.00	1.00	7.1	9.8
14	1 (1 X 7 quads)	400	1.10	1.10	8.4	11.3
28	1 (1 X 14 quads)	600	1.10	1.20	11.7	14.0
56	4 (4 X 7 quads)	1200	1.20	1.25	13.5	19.0
112	4 (4 X 14 quads)	1500	1.25	1.45	19.8	24.6
224	8 (8 X 14 quads)	1500	1.45	1.60	24.7	33.0

PTT 298

- Conductor:** Solid bare copper: AWG24 (0.510 mm) according to NF C 93-530
- Insulation:** Solid Polyethylene $\varnothing=0.90\text{mm}$
Color code: Pair 1: Grey - White
Pair 2: Pink - Blue
Pair 3: Orange - Yellow
Pair 4: Violet - Brown
- Assembly:** In 4 twisted pairs
- Rip Cord:** Be placed under the outer sheath
- Sheath:** PVC - Lead free and other heavy metal free
Ivory color RAL 1013 - UV resistant (according to NF C 32-061)
- Fire Resistance / Temperature:** C2 acc. to NF C 32-070 and IEC 60332-1
- Fire resistance:** PVC, TM51 according to NFC 32-061
- Outer Sheath:** Before and after ageing: 7 days at 80°C
- Operating temperature:** -20°C / + 60°C
- Storage, Processing Temperature:** 0°C / + 50°C
- Max. Temperature on The Core:** 70°C



Main Electrical Characteristics at 20°C

	Standard	Value
Characteristic Impedance (Zc)		
Input Impedance from 1 MHz to 100 MHz	EN 50289-1-11	100 Ω \pm 15 Ω
Average Impedance from 10 MHz to 100 MHz		100 Ω \pm 5 Ω
Conductor resistance		$\leq 95.9 \Omega/\text{Km}$
Dielectric Strength (1 min / 1500 V DC)		No Breakdown
-Between conductors		
Insulation resistance (2 min / 200 V DC)		$\geq 5000 \text{ M}\Omega \cdot \text{Km}$
Capacitance	C 93-530	$\leq 55 \text{ nF/Km}$
USE Voltage		48V
Max. Operating Voltage		200V
Max. Operating Current		0.25A
Velocity of Propagation (1 to 100 MHz)		$\geq 0.65 \text{ }_c$



Main Electrical Characteristics at 20°C

	Standard	Value
Max. Linear attenuation in dB/100 m @		
0.064 MHz		0.8
0.256 MHz		1.1
0.512 MHz		1.5
0.772 MHz		1.8
1 MHz		2.1
4 MHz		4.3
10 MHz	EN 50289-1-8	6.6
16 MHz		8.2
20 MHz		9.2
31.25 MHz		11.8
62.5 MHz		17.1
100 MHz		22
Min. Near End Crosstalk (Next) Attenuation in dB		
1 MHz		=62
4 MHz		=53
10 MHz		=47
16 MHz		=44
20 MHz	EN 50289-1-10	=42.5
31.25 MHz		=39.5
62.5 MHz		=35
100 MHz		=32
For 1 s f = 100 MHz		=62-15.logf
Min. Far End Crosstalk (FEX) Attenuation in dB/100m		
1 MHz	EN 50289-1-10	60


Access Control Cable

Photo		Model No.	Structure	Conductor		Insulation		Shield	Outer Jacket	
				Material	Dia.	Material	Dia.		Material	Dia.
		2x0.22+2x0.5	Control	BC/TC	2x7/0.20	PVC	1.20	/	PVC/PE/Fr-PVC/LSZH	5.10
	Power		2x16/0.20		1.90					
		4x0.22+2x0.5	Control	BC/TC	4x7/0.20	PVC	1.20	/	PVC/PE/Fr-PVC/LSZH	5.80
	Power		2x16/0.20		1.90					
		6x0.22+2x0.5	Control	BC/TC	6x7/0.20	PVC	1.20	/	PVC/PE/Fr-PVC/LSZH	6.20
	Power		2x16/0.20		1.90					
		8x0.22+2x0.5	Control	BC/TC	8x7/0.20	PVC	1.20	/	PVC/PE/Fr-PVC/LSZH	6.80
	Power		2x16/0.20		1.90					
		10x0.22+2x0.5	Control	BC/TC	10x7/0.20	PVC	1.20	/	PVC/PE/Fr-PVC/LSZH	7.10
	Power		2x16/0.20		1.90					
		12x0.22+2x0.5	Control	BC/TC	12x7/0.20	PVC	1.20	/	PVC/PE/Fr-PVC/LSZH	7.60
	Power		2x16/0.20		1.90					
		2x0.22+2x0.75	Control	BC/TC	2x7/0.20	PVC	1.20	/	PVC/PE/Fr-PVC/LSZH	5.80
	Power		2x24/0.20		2.30					
	4x0.22+2x0.75	Control	BC/TC	4x7/0.20	PVC	1.20	/	PVC/PE/Fr-PVC/LSZH	6.40	
Power		2x24/0.20		2.30						
	6x0.22+2x0.75	Control	BC/TC	6x7/0.20	PVC	1.20	/	PVC/PE/Fr-PVC/LSZH	6.70	
Power		2x24/0.20		2.30						
	8x0.22+2x0.75	Control	BC/TC	8x7/0.20	PVC	1.20	/	PVC/PE/Fr-PVC/LSZH	7.00	
Power		2x24/0.20		2.30						
	10x0.22+2x0.75	Control	BC/TC	10x7/0.20	PVC	1.20	/	PVC/PE/Fr-PVC/LSZH	7.70	
Power		2x24/0.20		2.30						
	12x0.22+2x0.75	Control	BC/TC	12x7/0.20	PVC	1.20	/	PVC/PE/Fr-PVC/LSZH	8.10	
Power		2x24/0.20		2.30						
		2x0.22+2x0.5S	Control	BC/TC	2x7/0.20	PVC	1.20	Al-foil	PVC/PE/Fr-PVC/LSZH	5.20
	Power		2x16/0.20		1.90					
		4x0.22+2x0.5S	Control	BC/TC	4x7/0.20	PVC	1.20	Al-foil	PVC/PE/Fr-PVC/LSZH	5.90
	Power		2x16/0.20		1.90					
		6x0.22+2x0.5S	Control	BC/TC	6x7/0.20	PVC	1.20	Al-foil	PVC/PE/Fr-PVC/LSZH	6.30
	Power		2x16/0.20		1.90					
		8x0.22+2x0.5S	Control	BC/TC	8x7/0.20	PVC	1.20	Al-foil	PVC/PE/Fr-PVC/LSZH	6.90
	Power		2x16/0.20		1.90					
		10x0.22+2x0.5S	Control	BC/TC	10x7/0.20	PVC	1.20	Al-foil	PVC/PE/Fr-PVC/LSZH	7.20
	Power		2x16/0.20		1.90					
		12x0.22+2x0.5S	Control	BC/TC	12x7/0.20	PVC	1.20	Al-foil	PVC/PE/Fr-PVC/LSZH	7.70
	Power		2x16/0.20		1.90					
		2x0.22+2x0.75S	Control	BC/TC	2x7/0.20	PVC	1.20	Al-foil	PVC/PE/Fr-PVC/LSZH	5.90
	Power		2x24/0.20		2.30					
	4x0.22+2x0.75S	Control	BC/TC	4x7/0.20	PVC	1.20	Al-foil	PVC/PE/Fr-PVC/LSZH	6.50	
Power		2x24/0.20		2.30						
	6x0.22+2x0.75S	Control	BC/TC	6x7/0.20	PVC	1.20	Al-foil	PVC/PE/Fr-PVC/LSZH	6.80	
Power		2x24/0.20		2.30						
	8x0.22+2x0.75S	Control	BC/TC	8x7/0.20	PVC	1.20	Al-foil	PVC/PE/Fr-PVC/LSZH	7.10	
Power		2x24/0.20		2.30						
	10x0.22+2x0.75S	Control	BC/TC	10x7/0.20	PVC	1.20	Al-foil	PVC/PE/Fr-PVC/LSZH	7.80	
Power		2x24/0.20		2.30						
	12x0.22+2x0.75S	Control	BC/TC	12x7/0.20	PVC	1.20	Al-foil	PVC/PE/Fr-PVC/LSZH	8.20	
Power		2x24/0.20		2.30						
		LT8-1	Power	BC/TC	2x30/0.25	PVC	2.90	/	PVC/PE/Fr-PVC/LSZH	9.10
			Control							


Security & Alarm Cable

Photo	Model No.	Conductor		Insulation	Shield	Outer Jacket	Max.Conductor Resistance@ 20 °C	Mini. Insulation Resistance@ 70 °C (M/KM)
		Material	Dia.					
	SA-4*0.12	BC/TC	4x7/0.15	1.10	/	3.70	158	0.016
	SA-6*0.12	BC/TC	6x7/0.15	1.10	/	4.30		
	SA-8*0.12	BC/TC	8x7/0.15	1.10	/	4.90		
	SA-10*0.12	BC/TC	10x7/0.15	1.10	/	5.60		
	SA-4*0.22	BC/TC	4x7/0.20	1.20	/	3.90	92.3	0.014
	SA-6*0.22	BC/TC	6x7/0.20	1.20	/	4.60		
	SA-8*0.22	BC/TC	8x7/0.20	1.20	/	5.20		
	SA-10*0.22	BC/TC	10x7/0.20	1.20	/	6.00		
	SA-4*0.12S	BC/TC	4x7/0.15	1.10	Al-foil	3.80	158	0.016
	SA-6*0.12S	BC/TC	6x7/0.15	1.10	Al-foil	4.40		
	SA-8*0.12S	BC/TC	8x7/0.15	1.10	Al-foil	5.00		
	SA-10*0.12S	BC/TC	10x7/0.15	1.10	Al-foil	5.70		
	SA-4*0.22S	BC/TC	4x7/0.20	1.20	Al-foil	4.00	92.3	0.014
	SA-6*0.22S	BC/TC	6x7/0.20	1.20	Al-foil	4.80		
	SA-8*0.22S	BC/TC	8x7/0.20	1.20	Al-foil	5.40		
	SA-10*0.22S	BC/TC	10x7/0.20	1.20	Al-foil	6.10		

Loudspeaker Cable

Photo	Model No.	Conductor		Insulation		Max.Conductor Resistance@ 20 °C		Mini. Insulation Resistance@ 70 °C (M/KM)
		Material	Dia.	Material	Thickness	BC	TC	
	YXB-0.5	BC/TC	50/0.11	Trans-PVC	1.0	42.10	46.30	0.013
	YXB-0.7	BC/TC	71/0.11	Trans-PVC	1.20	27.10	27.80	0.010
	YXB-1.0	BC/TC	100/0.11	Trans-PVC	1.20	19.50	20.00	0.010
	YXB-1.5	BC/TC	150/0.11	Trans-PVC	1.20	12.70	13.20	0.009
	YXB-1.9	BC/TC	200/0.11	Trans-PVC	1.30	9.00	9.30	0.008
	YXB-2.4	BC/TC	250/0.11	Trans-PVC	1.30	7.98	8.30	0.008
	YXB-2.9	BC/TC	300/0.11	Trans-PVC	1.30	7.20	7.56	0.008
	YXB-3.4	BC/TC	350/0.11	Trans-PVC	1.30	4.61	4.64	0.008

Power Cable

Photo	Model No.	Conductor		Insulation	Outer Jacket	Max.Conductor Resistance@ 20 °C	Mini. Insulation Resistance@ 70 °C (M/KM)
		Material	Dia.				
	RVV 2x0.5	BC	2x16/0.20	1.90	4.90	39.00	0.013
	RVV 2x0.75	BC	2x24/0.20	2.30	5.40	26.00	0.011
	RVV 2x1.0	BC	2x32/0.20	2.50	6.60	19.50	0.010
	RVV 2x1.5	BC	2x30/0.25	2.90	7.40	13.30	0.010
	RVV 3x0.5	BC	2x16/0.20	1.90	5.20	39.00	0.013
	RVV 3x0.75	BC	2x24/0.20	2.30	5.70	26.00	0.011
	RVV 3x1.0	BC	2x32/0.20	2.50	7.0	19.50	0.010
	RVV 3x1.5	BC	2x30/0.25	2.90	8.0	13.30	0.010

SYT+1

- Conductor:** Solid bare copper : AWG24 (0.51mm) and AWG20 (0.81mm)
- Insulation:** Polyethylene (Solid or Cellular) - Standardized colors SYT1 type
- Assembly:** In pairs /1,2,3,5,7,10,15,21,30,42,56,112 pairs - Max Lay of Pairing: 100 mm for AWG24; 150 mm for AWG20
- Overall Type:** General polyester tape around the whole assembly of pairs bundles
- Overall Screen:** Solid tinned copper drain wire, Ø0.45mm
General Aluminium/Polyester tape, Covering 100%
Ripcord under the outer Sheath
- Sheath:** Unleaded PVC



Thickness, Diameters & Weight

CAE Reference	Minimal Insulation Thickness (mm)		Minimal Mean thickness of Sheath / minimum at any point (mm)		Nominal overall Diameter: ±10%(mm)		Approx. weight(g/cm)	
	AWG20	AWG24	AWG20	AWG24	AWG20	AWG24	AWG20	AWG24
SYT 1 20/24 Gtl	0,15	0,1	0,6/0,4	0,6/0,4	4,3	3,6	28	19
SYT 2 20/24 Gtl	0,15	0,1	0,8/0,6	0,6/0,4	6,0	4,6	50	27
SYT 3 20/24 Gtl	0,15	0,1	0,8/0,6	0,6/0,4	6,8	5,1	64	34
SYT 5 20/24 Gtl	0,15	0,1	0,8/0,6	0,6/0,4	7,9	6,3	106	52
SYT 7 20/24 Gtl	0,15	0,1	0,9/0,7	0,8/0,6	8,9	6,7	137	63
SYT 10 20/24 Gtl	0,15	0,1	0,9/0,7	0,8/0,6	10,3	7,7	180	97
SYT 15 20/24 Gtl	0,10	0,1	0,9/0,7	0,8/0,6	11,5	8,5	251	121
SYT 21 20/24 Gtl	0,10	0,1	1,0/0,8	0,9/0,7	13,6	10,3	333	168
SYT 30 20/24 Gtl	0,10	0,1	1,0/0,8	0,9/0,7	16,1	11,8	451	229
SYT 42 20/24 Gtl	0,10	0,1	1,0/0,8	0,9/0,7	18,3	13,4	619	298
SYT 56 20/24 Gtl	0,10	0,1	1,0/0,8	1,0/0,8	20,7	15,0	775	366
SYT 112 20/24 Gtl	0,10	0,1	1,0/0,8	1,0/0,8	28,0	20,6	1510	681

Flame Resistance / Temperature

Flame resistance: C2 cable according to NF C 32-070 or IEC 60332-1

Operating Temperature: -10°C/+70°C

Main Electrical Characteristics at 20°C

	Method	AWG24	AWG20
Max Operating Voltage			300V
Max Operating Current			3A/mm ²
Resistance	EN50289-1-2	≤96 Ω/Km	≤37,5 Ω/Km
Dielectric Strength (1 min, Vdc)	EN50289-1-3	1500V Between conductors 750 V between conductors and screen	
Insulation Resistance	EN50289-1-4	> 1500 MΩ.km	
Mutual Capacitance At 800 Hz	EN50289-1-5	≤80 pF/500m	
Capacitance Unbalance Real/Real		≤300 pF/500m	
Capacitance Unbalance Real/Ground at 1 MHz		≤1700 pF/500m	
Characteristic Impedance at 1 MHz		100Ω ±20	

Transmission Properties

	AWG24	AWG20
Typical Linear attenuation in dB/km @		
1 kHz	2,0	2,0
40 kHz	6,5	3,5
150 kHz	9,0	8,5
300 kHz	16,0	13,0
1 MHz	30,0	25,0
2 MHz	42,0	35,0
Minimum Near End Crosstalk (Next) in dB		
@ 1 kHz	70	
@ 40 kHz	66	
@ 150 kHz	57	
@ 300 kHz	53	
@ 1 MHz	45	
@ 2 MHz	30	