



# Etrolink Industrial Cable



## Etrolink Industry Cable

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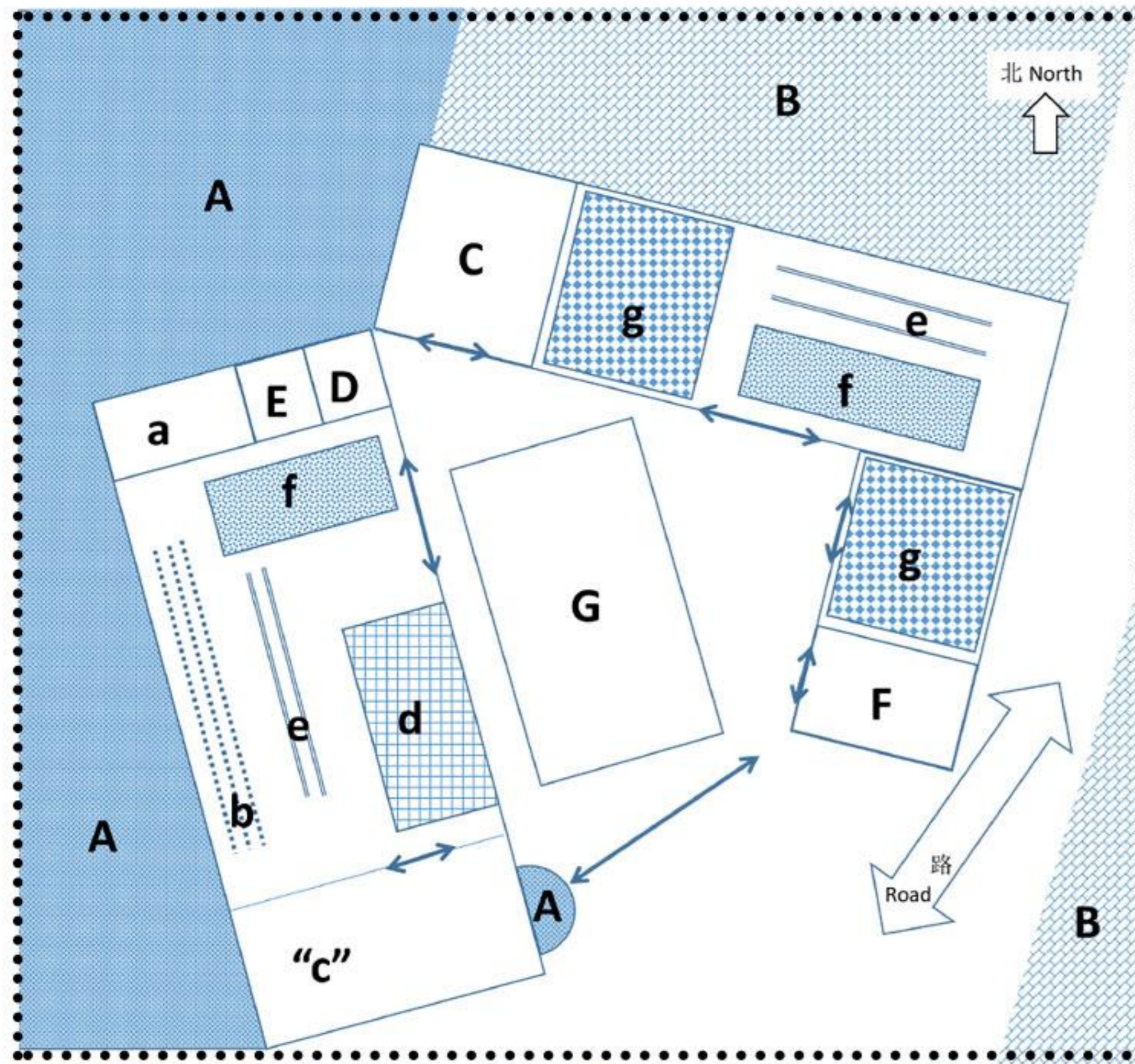
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## BRIEF INTRODUCTION

Our company name is HANGZHOU RIGHT ANGLE CABLE TECHNOLOGY CO.,LTD. we was found on march 2002. located at the Lin ' An district , HangZhou city which is known as the homtown of communication cables in China.

## ADVANTAGE

- ① Manufacturer with two factories, whole industrial area of 80000m and nearly 40000m building area.
- ② More than 15 years experiences of manufacturing cable.
- ③ Our customers are mainly global signal cable leaders, such as BELDEN, PPC, NEXSANS, DAHUA, HIKVISION etc...
- ④ Under the deep cooperation with our customers, We give quality advices and make market strategy. We support our customers to attend international fair and take part in bidding projects.
- ⑤ Professional technical team and sales team.
- ⑥ Stable material supplier and good credit.
- ⑦ ISO9001,CE,ROHS,UL, ETL.



- ↔ : 门, 出入口
- A: 林区、绿化 Plant  
 B: 其他房区 Other building  
 C: 主办公楼 Main Office  
 D: 车间管理 workshop office  
 E: 质检室 LAB&Quality center  
 F: 传达室 Reception office  
 G: 空地、发货区 Loading Ground
- a: 上机材料库 Ready Material  
 b: 物理发泡挤塑机 总计 3台 FPE machine 3 sets  
 "c": 束丝区 总计 4台 wire sort area 4 sets  
 d: 高编机工作区 总计 60台 fast braiding machine 60sets  
 e: 护套挤塑机总计 4台 Jacket machine 4 sets  
 f: 成品包装区 Packing area  
 g: 成品仓库 stock

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# USEFUL INFORMATION

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<b>Dalian</b>	
Qinhuangdao	Tongjiang
Jinzhou	Yingkou
Dandong	Baiyuquan
<b>Tianjin</b>	
Yangshan	TJ.Longkou
Xingang	
<b>Qingdao</b>	
Weihai	Longkou
Yantai	Shidao
Rizhao	Lianyungang
Lanshan	
<b>Shanghai</b>	
Nantong	Haimen
Baoshan	Zhangjiagang
Taicang	Zhcnjiang
Zhcnhai	Changshu
<b>Ningbo</b>	
Zhoushan	Beilun
Wenzhou	
<b>Xiamen</b>	
Puzhou	Meizhou
Quanzhou	Shanbaimen
Dongshan	Mawei
Zhangzhou	
<b>Guangzhou</b>	
Ruangpu	Nansha
Shcnzhon	Chiwan
Dongguan	Mawan
Zhanjiang	Zhuhai
Bcihai	Qinzhou
Fangchong	Huizhou
<b>Hongkong</b>	

# USEFUL INFORMATION

## 1 UNIT OF LENGTH

	M	IN	FT	MM	MI	KM
M	1	39.37	3.2808	1000	0.0006214	0.001
IN	0.0254	1	0.0833	25.4	0.0001578	0.0000254
FT	0.0348	12	1	304.8	0.0001894	0.0003048
MM	0.001	0.03937	0.0032808	1	0.000006214	0.000001
MI	1609.35	63360	5280	1609350	1	1.60935
KM	1000	39370	3280.83	1000000	0.62137	1

## 2 AMERICAN WIRE GAUGE

AWG	diameter		AWG	diameter		AWG	diameter	
	(inch)	(mm)		(inch)	(mm)		(inch)	(mm)
13	0.072	1.828	21	0.0285	0.723	30	0.0113	0.286
14	0.0641	1.628	22	0.0253	0.644	31	0.01	0.255
15	0.0571	1.45	23	0.0226	0.573	32	0.00893	0.227
16	0.0508	1.291	24	0.0201	0.511	33	0.00795	0.202
17	0.0453	1.15	25	0.0179	0.455	34	0.00708	0.18
18	0.0403	1.024	26	0.0159	0.405	35	0.0063	0.16
19	0.0359	0.912	27	0.0142	0.361	36	0.00561	0.143
20	0.032	0.812	28	0.0126	0.321	37	0.005	0.127

## 3 TIME COMPARE

— world time when China works



(For example :turkey time is 3:00am when beijing work time 8:00 am)



# COAXIAL CABLE SERIES SHOW

We offer coaxial cable series such as rg59, rg6, rg7, rg11, jis type, sat type, kx type, vato type, ct type, al tube type, 50ohm type and so on.



# COAXIAL CABLE SERIES

## RG59



### PHYSICAL CONSTRUCTION

		STANDARD SHIELD	TRI- SHIELD	QUAD- SHIELD
CONDUCTOR	MATERIAL	BC/CCS/CCA	BC/CCS/CCA	BC/CCS/CCA
	NOM. DIA	20AWG	20AWG	20AWG
DELECTRIC	MATERIAL	Foam PE	Foam PE	Foam PE
	NOM. DIA(MM)	3. 66	3. 66	3. 66
SHIELD	CONSTRUCTION	FOIL+BRAID	FOIL+BRAID+FOIL	(FOIL+BRAID)X2
	FOIL MATERIAL	AL FOIL/CU FOIL	AL FOIL/CU FOIL	AL FOIL/CU FOIL
	BRAID MATERIAL	BC/CCA/AL/TC	BC/CCA/AL/TC	BC/CCA/AL/TC
	BRAID COVERAG	40%-95%	40%-95%	53%/35%
JACKET	MATERIAL	PVC/PE/LSZH	PVC/PE/LSZH	PVC/PE/LSZH
	NOM. THICK(MM)	0. 80	0. 80	0. 86
	NOM. DIA(MM)	6. 1±0. 2	6. 2±0. 2	6. 7±0. 2

### ELECTRICAL CHARACTERISTICS

Nominal Impedance( $\Omega$ )		75±3	
Nominal Velocity of Propagation(%)		85	
Nominal Capacitance(pF/m)		50	
Sparker Test(VAC)		4000	
SRL(dB)		20	
Attenuation [@68°F(20°C)]	Frequency(MHZ)	Maximum(dB/100ft)	Maximum(dB/100m)
	5	0. 86	2. 82
	55	2. 05	6. 73
	187	3. 60	11. 81
	300	4. 45	14. 60
	450	5. 40	17. 72
	600	6. 20	20. 34
	750	6. 98	22. 87
	865	7. 52	24. 67
	1000	8. 13	26. 64
	1200	8. 97	29. 40
	1450	9. 89	32. 41
	1800	11. 81	38. 72
3000	14. 30	46. 90	



# COAXIAL CABLE SERIES

## RG6



### PHYSICAL CONSTRUCTION

		STANDARD SHIELD	TRI-SHIELD	QUAD-SHIELD
CONDUCTOR	MATERIAL	BC/CCS/CCA	BC/CCS/CCA	BC/CCS/CCA
	NOM. DIA	18AWG	18AWG	18AWG
DELECTRIC	MATERIAL	Foam PE	Foam PE	Foam PE
	NOM. DIA(MM)	4.57	4.57	4.57
SHIELD	CONSTRUCTION	FOIL+BRAID	FOIL+BRAID+FOIL	(FOIL+BRAID)X2
	FOIL MATERIAL	AL FOIL/CU FOIL	AL FOIL/CU FOIL	AL FOIL/CU FOIL
	BRAID MATERIAL	BC/CCA/AL/TC	BC/CCA/AL/TC	BC/CCA/AL/TC
	BRAID COVERAG	40%-95%	40%-95%	60%/40%
JACKET	MATERIAL	PVC/PE/LSZH	PVC/PE/LSZH	PVC/PE/LSZH
	NOM. THICK	0.80	0.80	0.86
	NOM. DIA(MM)	6.91±0.2	7.06±0.2	7.62±0.2

### ELECTRICAL CHARACTERISTICS

Nominal Impedance( $\Omega$ )		75±3	
Nominal Velocity of Propagation(%)		85	
Nominal Capacitance(pF/m)		50	
Sparker Test(VAC)		4000	
SRL(dB)		20	
Attenuation [@68°F(20°C)]	Frequency(MHZ)	Maximum(dB/100ft)	Maximum(dB/100m)
	5	0.58	1.90
	55	1.60	5.25
	187	2.85	9.35
	300	3.55	11.64
	450	4.40	14.43
	600	5.10	16.73
	750	5.65	18.54
	865	6.10	20.01
	1000	6.55	21.49
	1450	7.98	26.16
	1800	8.46	27.73
2250	10.38	34.03	
3000	11.44	37.50	

# COAXIAL CABLE SERIES

## RG7



### PHYSICAL CONSTRUCTION

		STANDARD SHIELD	TRI-SHIELD	QUAD-SHIELD
CONDUCTOR	MATERIAL	BC/CCS/CCA	BC/CCS/CCA	BC/CCS/CCA
	NOM. DIA	16AWG	16AWG	16AWG
DELECTRIC	MATERIAL	Foam PE	Foam PE	Foam PE
	NOM. DIA(MM)	5.72	5.72	5.72
SHIELD	CONSTRUCTION	FOIL+BRAID	FOIL+BRAID+FOIL	(FOIL+BRAID)X2
	FOIL MATERIAL	AL FOIL/CU FOIL	AL FOIL/CU FOIL	AL FOIL/CU FOIL
	BRAID MATERIAL	BC/CCA/AL/TC	BC/CCA/AL/TC	BC/CCA/AL/TC
	BRAID COVERAG	40%-95%	40%-95%	60%/40%
JACKET	MATERIAL	PVC/PE/LSZH	PVC/PE/LSZH	PVC/PE/LSZH
	NOM. THICK(MM)	0.78	0.81	0.86
	NOM. DIA(MM)	8.08±0.2	8.2±0.2	8.59±0.2

### ELECTRICAL CHARACTERISTICS

Nominal Impedance( $\Omega$ )		75±3	
Nominal Velocity of Propagation(%)		85	
Nominal Capacitance(pF/m)		50	
Sparker Test(VAC)		4000	
SRL(dB)		20	
Attenuation [@68°F(20°C)]	Frequency(MHZ)	Maximum(dB/100ft)	Maximum(dB/100m)
	5	0.47	1.54
	55	1.25	4.10
	250	2.56	8.40
	300	2.82	9.25
	450	3.46	11.35
	600	4.05	13.28
	750	4.57	14.99
	865	4.93	16.17
	1000	5.32	17.45
	1200	5.87	19.23
	1450	6.44	21.13
1750	7.05	23.10	
2150	7.79	25.54	



# COAXIAL CABLE SERIES

## RG11



### PHYSICAL CONSTRUCTION

		STANDARD SHIELD	TRI-SHIELD	QUAD-SHIELD
CONDUCTOR	MATERIAL	BC/CCS/CCA	BC/CCS/CCA	BC/CCS/CCA
	NOM. DIA	14AWG	14AWG	14AWG
DELECTRIC	MATERIAL	Foam PE	Foam PE	Foam PE
	NOM. DIA(MM)	7.11	7.11	7.11
SHIELD	CONSTRUCTION	FOIL+BRAID	FOIL+BRAID+FOIL	(FOIL+BRAID)X2
	FOIL MATERIAL	AL FOIL/CU FOIL	AL FOIL/CU FOIL	AL FOIL/CU FOIL
	BRAID MATERIAL	BC/CCA/AL/TC	BC/CCA/AL/TC	BC/CCA/AL/TC
	BRAID COVERAG	40%-95%	40%-95%	60%/40%
JACKET	MATERIAL	PVC/PE/LSZH	PVC/PE/LSZH	PVC/PE/LSZH
	NOM. THICK(MM)	1.07	0.94	0.86
	NOM. DIA(MM)	10.16±0.2	10.16±0.2	10.30±0.2

### ELECTRICAL CHARACTERISTICS

Nominal Impedance( $\Omega$ )		75±3	
Nominal Velocity of Propagation(%)		85	
Nominal Capacitance(pF/m)		50	
Sparker Test(VAC)		4000	
SRL(dB)		20	
Attenuation [@68°F(20°C)]	Frequency(MHZ)	Maximum(dB/100ft)	Maximum(dB/100m)
	5	0.38	1.25
	55	0.96	3.15
	250	2.05	6.72
	300	2.25	7.38
	450	2.75	9.02
	600	3.18	10.43
	750	3.65	11.97
	865	3.98	13.05
	1000	4.35	14.27
	1450	5.42	17.78
	1750	6.10	20.01
2150	6.60	21.65	
3000	7.88	25.85	

# COAXIAL CABLE SERIES

## JIS TYPE 75 $\Omega$



		1.5C-2V	2.5C-2V	3C-2V	5C-2V	7C-2V	10C-2V
CONDUCTOR	MATERIAL	CCS	BC	BC	BC	BC	BC
	NOM. DIA(MM)	1/0.26	1/0.40	1/0.50	1/0.80	7/0.40	7/0.50
DELECTRIC	MATERIAL	LDPE	LDPE	LDPE	LDPE	LDPE	LDPE
	NOM. DIA(MM)	1.6	2.4	3.1	4.9	7.3	9.4
SHIELD	MATERIAL	BC/CCS	BC/CCS	BC/CCS	BC/CCS	BC/CCS	BC/CCS
	COVERAG	80/0.10	96/0.12	120/0.14	168/0.14	192/0.18	240/0.2
JACKET	MATERIAL	PVC	PVC	PVC	PVC	PVC	PVC
	NOM. THICK(MM)	0.4	0.5	0.8	0.9	1.0-1.1	1.3-1.5
	NOM. DIA(MM)	2.9±0.4	4.0±0.5	5.4±0.5	7.4±0.5	10.3±0.5	13.0±0.6
IMPEDANCE	$\Omega$ , 10MHZ	75±3	75±3	75±3	75±3	75±3	75±3
Attenuation	dB/KM, 10MHZ	96	52	42	27	22	18

## JIS TYPE 50 $\Omega$



		1.5D-2V	2.5D-2V	3D-2V	5D-2V	8D-2V	10D-2V
CONDUCTOR	MATERIAL	BC	BC	BC	BC	BC	BC
	NOM. DIA(MM)	7/0.18	1/0.80	7/0.32	1/1.40	7/0.40	1/2.90
DELECTRIC	MATERIAL	LDPE	LDPE	LDPE	LDPE	LDPE	LDPE
	NOM. DIA(MM)	1.6	2.7	3.0	4.8	7.8	9.7
SHIELD	MATERIAL	BC/CCS	BC/CCS	BC/CCS	BC/CCS	BC/CCS	BC/CCS
	COVERAG	80/0.10	112/0.12	120/0.14	168/0.14	192/0.18	240/0.2
JACKET	MATERIAL	PVC	PVC	PVC	PVC	PVC	PVC
	NOM. THICK(MM)	0.4	0.5	0.8	0.9	1.2-1.4	1.2-1.5
	NOM. DIA(MM)	2.9±0.4	4.3±0.5	5.3±0.5	7.3±0.5	11.1±0.5	13.1±0.6
IMPEDANCE	$\Omega$ , 10MHZ	50±3	50±3	50±3	50±3	50±3	50±3
Attenuation	dB/KM, 10MHZ	85	45	46	27	20	14



# COAXIAL CABLE SERIES

## SAT TYPE



		SAT501	SAT602	SAT703B
CONDUCTOR	MATERIAL	BC	BC	BC
	NOM. DIA(MM)	1/0. 8±0. 02	1/1. 0±0. 02	1/1. 13±0. 02
DELECTRIC	MATERIAL	Foam PE	Foam PE	Foam PE
	NOM. DIA(MM)	3. 50±0. 1	4. 3±0. 1	4. 8±0. 1
SHIELD	MATERIAL	CuSn+ALPET/AL	CuSn+ALPET/AL	CuSn+ALPET/AL
	COVERAG	47%	40%	45%
JACKET	MATERIAL	PVC	PVC	PVC
	NOM. DIA(MM)	5. 0±0. 1	6. 0±0. 1	6. 6±0. 1

## ELECTRICAL CHARACTERISTICS

Nominal Impedance(Ω)	75±3	75±3	75±3	
Nominal Velocity of Propagation(%)	85	85	85	
Nominal Capacitance(pF/m)	52±2	52±2	52±2	
Sparker Test(VAC)	2500	3000	3000	
SRL(dB)	22	22	22	
		SAT501	SAT602	SAT703B
Attenuation [@68°F(20°C)]	Frequency(MHZ)	Maximum(dB/100m)	Maximum(dB/100m)	Maximum(dB/100m)
	5	2. 30	1. 80	1. 60
	10	2. 80	2. 30	2. 10
	30	4. 60	3. 60	3. 20
	50	5. 60	4. 60	4. 10
	200	10. 90	8. 90	7. 90
	300	13. 70	11. 00	9. 80
	470	17. 40	13. 90	12. 40
	862	23. 30	19. 10	17. 10
	1000	25. 20	20. 60	18. 50
	1750	34. 00	27. 80	24. 90
	2150	38. 20	31. 00	27. 90
2400	40. 40	32. 90	29. 60	
3000	44. 20	37. 10	33. 40	

# COAXIAL CABLE SERIES

## KX TYPE



		KX6A	KX8A
CONDUCTOR	MATERIAL	BC	BC
	NOM. DIA(MM)	7/0.2	7/0.4
DELECTRIC	MATERIAL	Solid PE	Solid PE
	NOM. DIA(MM)	3.70	7.25
SHIELD	MATERIAL	BC/CCA BRAID	BC /CCA BRAID
	COVERAG	80-95%	80-95%
JACKET	MATERIAL	PVC	PVC
	NOM. DIA(MM)	6.10±0.10	10.20±0.10

## ELECTRICAL CHARACTERISTICS

Nominal Impedance(Ω)	75±3	75±3	
Nominal Velocity of Propagation(%)	66	66	
Nominal Capacitance(pF/m)	67±2	67±2	
Sparker Test(VAC)	3000	3000	
SRL(dB)	20	20	
		KX6A	KX8A
Attenuation [@68°F(20°C)]	Frequency(MHZ)	Maximum(dB/100m)	Maximum(dB/100m)
	10	5. 0	2. 9
	50	8. 1	4. 5
	100	13. 0	6. 6
	200	18. 5	10. 9
	400	22. 5	13. 8
	800	34. 5	23. 6
	950	37. 5	26. 8
	1000	45. 0	27. 5
	3000	86. 1	60. 0



# COAXIAL CABLE SERIES

## VATC TYPE



		17VATC	19VATC	24VATC
CONDUCTOR	MATERIAL	BC/CCS	BC/CCS	BC/CCS
	NOM. DIA(MM)	1.13±0.02	1.02±0.02	0.8±0.02
DELECTRIC	MATERIAL	Foam PE	Foam PE	Foam PE
	NOM. DIA(MM)	4.80±0.10	4.6±0.10	3.7±0.10
SHIELD	MATERIAL	AL/PET/AL+CuSn	AL/PET/AL+CuSn	AL/PET/AL+CuSn
	COVERAG	45%	45%	45%
JACKET	MATERIAL	PVC/PE	PVC/PE	PVC/PE
	NOM. DIA(MM)	6.8±0.10	6.7±0.10	5.85±0.10

## ELECTRICAL CHARACTERISTICS

Nominal Impedance( $\Omega$ )	75±3	75±3	75±3	
Nominal Velocity of Propagation(%)	85	85	85	
Nominal Capacitance(pF/m)	52±2	52±2	52±2	
Sparker Test(VAC)	4000	4000	4000	
SRL(dB)	20	20	20	
		17VATC	19VATC	21VATC
Attenuation [@68°F(20°C)]	Frequency(MHZ)	Maximum(dB/100m)	Maximum(dB/100m)	Maximum(dB/100m)
	5	1.60	1.80	1.90
	50	4.10	4.60	6.00
	200	7.90	9.00	11.90
	400	12.0	13.0	16.90
	862	16.40	19.80	24.20
	1000	18.27	20.10	26.10
	1750	24.56	26.90	33.20
	2150	27.67	30.00	38.30
3000	33.37	36.40	46.80	

# COAXIAL CABLE SERIES

## CT TYPE



		CT100	CT125	CT167
CONDUCTOR	MATERIAL	BC	BC	BC
	NOM. DIA(MM)	1.00	1.25	1.67
DELECTRIC	MATERIAL	Foam PE	Foam PE	Foam PE
	NOM. DIA(MM)	4.57	5.65	7.28
SHIELD	MATERIAL	CUFOIL+CU BRIAD	CUFOIL+CU BRIAD	CUFOIL+CU BRIAD
	COVERAG	50%	50%	45%
JACKET	MATERIAL	PVC/PE/LSZH	PVC/PE/LSZH	PVC/PE/LSZH
	NOM. DIA(MM)	6.65±0.15	7.8±0.20	10.1±0.20

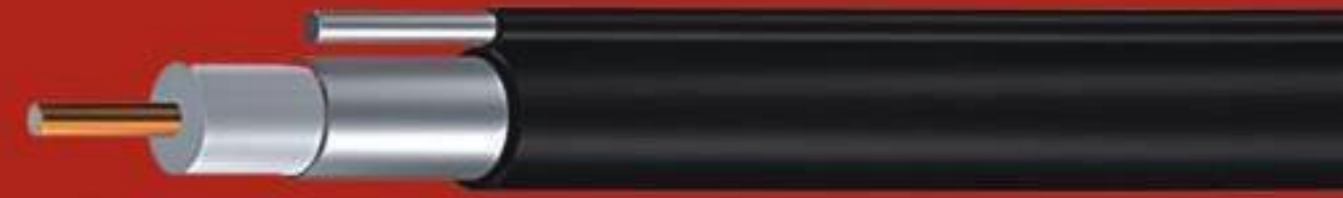
## ELECTRICAL CHARACTERISTICS

Nominal Impedance( $\Omega$ )	75±3	75±3	75±3	
Nominal Velocity of Propagation(%)	83	83	83	
Nominal Capacitance(pF/m)	53	53	53	
Sparker Test(VAC)	4000	4000	4000	
SRL(dB)	20	20	20	
		CT100	CT125	CT167
Attenuation [@68°F(20°C)]	Frequency(MHZ)	Maximum(dB/100m)	Maximum(dB/100m)	Maximum(dB/100m)
	5	1.76	1.58	1.00
	50	5.06	3.68	3.00
	100	7.15	5.25	4.00
	200	10.45	7.88	6.00
	460	16.50	12.08	9.00
	860	21.45	16.28	12.50
	1000	23.65	17.85	13.50
	1750	31.90	23.94	19.00
	2150	35.75	27.30	22.00



# COAXIAL CABLE SERIES

## AL TUBE TYPE



		412	500	540
CONDUCTOR	MATERIAL	CCA	CCA	CCA
	NOM.DIA(MM)	2.24±1%	2.77±1%	3.15±1%
DELECTRIC	MATERIAL	Foam PE	Foam PE	Foam PE
	NOM.DIA(MM)	9.19	11.43	13.03
SHIELD	MATERIAL	AL TUBE	AL TUBE	AL TUBE
	NOM.THICK(MM)	0.61	0.61	0.34
JACKET	MATERIAL	PE	PE	PE
	NOM.DIA(MM)	11.99±0.20	14.22±0.20	15.49±0.20
MESSENGER	MATERIAL	Galvanized Steel Wire	Galvanized Steel Wire	Galvanized Steel Wire
	NOM.DIA(MM)	2.77±0.05	2.77±0.05	2.77±0.05

## ELECTRICAL CHARACTERISTICS

Nominal Impedance( $\Omega$ )	75±2	75±2	75±2	
Nominal Velocity of Propagation(%)	87	87	87	
Nominal Capacitance(pF/m)	50±3	50±3	50±3	
Sparker Test(VAC)	4000	4000	4000	
SRL(dB)	26	26	26	
		412	500	540
Attenuation [@68°F(20°C)]	Frequency(MHZ)	Maximum(dB/100m)	Maximum(dB/100m)	Maximum(dB/100m)
	5	0.66	0.52	0.46
	55	2.23	1.80	1.54
	211	4.43	3.58	3.12
	300	5.38	4.30	4.30
	400	6.27	5.02	5.02
	500	7.08	5.67	5.67
	600	7.76	6.30	6.30
	750	8.79	7.12	7.12
	870	9.54	7.69	7.69
1000	10.27	8.30	8.30	

# COAXIAL CABLE SERIES

## 50HOM TYPE



		RG174	RG213	RG214
CONDUCTOR	MATERIAL	BC/CCS	BC	TC
	NOM. DIA(MM)	7/0.16(0.48)	7/0.75	7/0.75
DELECTRIC	MATERIAL	Solid PE	Solid PE	Solid PE
	NOM. DIA(MM)	1.90	7.24	7.25
SHIELD	MATERIAL	TC BRAID	BC BRAID	TC BRAID
	COVERAG	90%	96%	96%/98%
JACKET	MATERIAL	PVC	PVC/PE	PVC/PE
	NOM. DIA(MM)	2.70±0.10	10.30±0.10	10.80±0.10

## ELECTRICAL CHARACTERISTICS

Nominal Impedance( $\Omega$ )	50±2	50±2	50±2		
Nominal Velocity of Propagation(%)	66	66	66		
Nominal Capacitance(pF/m)	100	100	100		
Sparker Test(VAC)	3000	3000	3000		
SRL(dB)	21	20	20		
		RG174	RG213	RG214	
Attenuation [@68°F(20°C)]	Frequency(MHZ)	Maximum(dB/100m)	Maximum(dB/100m)	Maximum(dB/100m)	
	10	2.99	1.34	0.55	1.80
	100	9.50	4.24	2.07	6.80
	400	22.57	8.93	4.61	15.10
	1000	36.60	15.28	7.47	24.50
	2000	51.85	24.40	/	/
	3000	64.05	29.89	/	/



# COMBO CABLE SERIES SHOW

We offer combo cable series such as rg59+2, rg6+2c, rg6+4c, kx6+2c, 2rg6+2cat5e, cctv2+1, cctv3+1, cctv4+1, KBK-B, KBK-Π and so on.



# COMBO CABLE SERIES

## RG59 SIAMESE



### PHYSICAL CONSTRUCTION

CONDUCTOR	MATERIAL	BC/CCS/CCA
	NOM.DIA	20AWG
DELECTRIC	MATERIAL	Foam PE
	NOM.DIA(MM)	3.66
SHIELD	CONSTRUCTION	WITH FOIL//WITHOUT FOIL +BRAID
	FOIL MATERIAL	AL FOIL/CU COLOR FOIL
	BRAID MATERIAL	BC/CCA/AL
	BRAID COVERAG	95%
JACKET	MATERIAL	PVC
	NOM.THICK(MM)	0.80
	NOM.DIA(MM)	6.1±0.20
POWER	MATERIAL	2x7x0.37MMCCA/BC
COAX+POWER	SHOTGUN CONSTRUCTION(6.1x5.0)	

### ELECTRICAL CHARACTERISTICS

Nominal Impedance( $\Omega$ )	75±3		
Nominal Velocity of Propagation(%)	85		
Nominal Capacitance(pF/m)	50		
Sparker Test(VAC)	4000		
SRL(dB)	20		
Attenuation [@68°F(20°C)]	Frequency(MHZ)	Maximum(dB/100ft)	Maximum(dB/100m)
	5	0.86	2.82
	55	2.05	6.73
	187	3.60	11.81
	300	4.45	14.60
	450	5.40	17.72
	600	6.20	20.34
	750	6.98	22.87
	865	7.52	24.67
	1000	8.13	26.64
	1200	8.97	29.40
	1450	9.89	32.41
	1800	11.81	38.72
3000	14.30	46.90	



# COMBO CABLE SERIES

## RG6 SIAMESE



### PHYSICAL CONSTRUCTION

CONDUCTOR	MATERIAL	BC/CCS/CCA
	NOM.DIA	18AWG
DELECTRIC	MATERIAL	Foam PE
	NOM.DIA(MM)	4.57
SHIELD	CONSTRUCTION	FOIL+BRAID
	FOIL MATERIAL	AL FOIL/CU COLOR FOIL
	BRAID MATERIAL	BC/CCA/AL
	BRAID COVERAG	95%
JACKET	MATERIAL	PVC
	NOM.THICK(MM)	0.80
	NOM.DIA(MM)	6.91±0.20
POWER	MATERIAL	2x7x0.37CCA/BC
COAX+POWER	SHOTGUN CONSTRUCTION(6.1x5.0MM)	

### ELECTRICAL CHARACTERISTICS

Nominal Impedance( $\Omega$ )		75±3	
Nominal Velocity of Propagation(%)		85	
Nominal Capacitance(pF/m)		50	
Sparker Test(VAC)		4000	
SRL(dB)		20	
Attenuation [@68°F(20°C)]	Frequency(MHZ)	Maximum(dB/100ft)	Maximum(dB/100m)
	5	0.58	1.90
	55	1.60	5.25
	187	2.85	9.35
	300	3.55	11.64
	450	4.40	14.43
	600	5.10	16.73
	750	5.65	18.54
	865	6.10	20.01
	1000	6.55	21.49
	1450	7.98	26.16
	1800	8.46	27.73
	2250	10.38	34.03
3000	11.44	37.50	

# COMBO CABLE SERIES

## KX6 +2C



CONDUCTOR	MATERIAL	BC
	NOM.DIA(MM)	7/0.2
DELECTRIC	MATERIAL	Soild PE
	NOM.DIA(MM)	3.70
	BRAID MATERIAL	BC/CCA BRAID
	BRAID COVERAG	95%
JACKET	MATERIAL	PVC
	NOM.DIA(MM)	6.10±0.10
POWER	MATERIAL(MM)	2x7x0.37CCA/BC
COAX+POWER	ENWRAP CONSTRUCTION(6.1x8.5MM)	

### ELECTRICAL CHARACTERISTICS

Nominal Impedance( $\Omega$ )		75±3
Nominal Velocity of Propagation(%)		66
Nominal Capacitance(pF/m)		67±2
Sparker Test(VAC)		3000
SRL(dB)		20
Attenuation [@68°F(20°C)]	Frequency(MHZ)	Maximum(dB/100m)
	10	5.0
	50	8.1
	100	13.0
	200	18.5
	400	22.5
	800	34.5
	950	37.5
	1000	45.0
	3000	86.1



# COMBO CABLE SERIES

## 2RG6+2CAT5E



### PHYSICAL CONSTRUCTION

CONDUCTOR	MATERIAL	CCS
	NOM.DIA	18AWG
DELECTRIC	MATERIAL	Foam PE
	NOM.DIA(MM)	4.57
SHIELD	CONSTRUCTION	(FOIL +BRAID)X2
	FOIL MATERIAL	AL FOIL
	BRAID MATERIAL	AL
	BRAID COVERAG	60%/40%
JACKET	MATERIAL	PVC
	NOM.THICK(MM)	0.86
	NOM.DIA(MM)	7.62±0.20
2CAT5E	MATERIAL	2xUTP 4PX24WAG BC
2RG6+2CAT5E	ENWRAP CONSTRUCTION	

### ELECTRICAL CHARACTERISTICS

Nominal Impedance( $\Omega$ )	75±3	
Nominal Velocity of Propagation(%)	85	
Nominal Capacitance(pF/m)	50	
Sparker Test(VAC)	4000	
SRL(dB)	20	
Attenuation [@68°F(20°C)]	Frequency(MHZ)	Maximum(dB/100m)
	1	0.89
	10	2.90
	50	5.25
	100	7.20
	200	9.84
	400	14.10
	700	19.00
	900	21.00
	1000	22.00
	1450	27.20
	1800	30.50
2200	32.80	
3000	37.88	

# COMBO CABLE SERIES

## OTHER COMBO CABLE



### TURKEY CCTV

		MiNi COAX CCTV			
		1COAX+2*0.22	1COAX+4*0.22	1COAX+2*0.22+2*0.34	
COAX	CONDUCTOR(MM)	7*0.18BC	7*0.18BC	7*0.18BC	
	DELECTRIC(MM)	2.5FPE/SPE	2.5FPE/SPE	2.5FPE/SPE	
	SHIELD(MM)	AL FOIL	AL FOIL	AL FOIL	
		48X0.12AL	48X0.12AL	48X0.12AL	
JACKET(MM)	3.8PVC	3.8PVC	3.8PVC		
CONTROL VESSELS	CONDUCTOR(MM)	(7*0.18BC)*2	(7*0.18BC)*4	(7*0.18BC)*2	(16*0.16BC)*2
	DELECTRIC(MM)	(1.35PVC)*2	(1.35PVC)*4	(1.35PVC)*2	(1.5PVC)*2
	SHIELD	AL FOIL	AL FOIL	AL FOIL	
SHEATH(MM)	5.3PVC	6.4PVC	6.8PVC		
IMPEDANCE( $\Omega$ )	75±3	75±3	75±3	75±3	75±3

### RUSSIA CCTV



		KBK-II-2 2x0.50	KBK-B-2 2x0.50	KBK-B-3 $\phi$ 2x0.50	
COAX	CONDUCTOR(MM)	7*0.12BC	7*0.12BC	1*0.60BC	
	DELECTRIC(MM)	2.2SPE	2.2SPE	2.7SPE	
	SHIELD(MM)	90% BRIAD BC	90% BRIAD BC	90% BRIAD BC	
	JACKET(MM)	3.3PVC	3.3PVC	4.4PVC	
CONTROL VESSELS	CONDUCTOR(MM)	(7*0.3BC)*2	(7*0.3BC)*2	(7*0.3BC)*2	
DELECTRIC(MM)	(1.8PVC)*2	(1.8PVC)*2	(1.8PVC)*2		
SHEATH(MM)	7.7PE (C П Э)	6.4PVC (П B X)	10.0PVC (П B X)		
IMPEDANCE( $\Omega$ )	75±3	75±3	75±3	75±3	75±3



# POWER CABLE SERIES SHOW

We offer power cable series such as bv single cable, rv flexible single cable, bvv solid sheath cable, rvv flexible sheath cable, solar cable and so on.



# POWER CABLE SERIES

## BV SINGLE

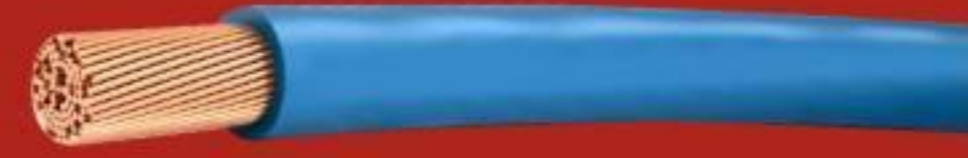


<b>STANDARD:</b>	BS6004;IEC 60227	<b>CONSRUCTION:</b>	BARE SOLID/STRANDED/ANNEALED COPPER PVC			
<b>VOLTAGE:</b>	300/500V;450/750V	<b>INSULATION:</b>	RED, GREEN, BLUE, BLACK, YELLOW			
<b>APPLICATION:</b>	USED FOR GENERAL PURPOSE, BULIDING WIRING FOR POWER, LIGHTING AND SWITCH CONTROL WIRE.					
ITEM SPEC	NOMINAL CROSS SECTION(MM <sup>2</sup> )	NO./DIAMETER OF CONDUCTOR (MM)	INSULATION THICKNESS (MM)	MAX. OUTER DIAMETER(MM)	REF. WEIGHT (KM/KG)	CONDUCTOR RESISTANCE AT 20 °C < (Ω/KM)
H05V-U (227IEC05 BV)	0.5	1/0.8	0.6	2.4	8.44	36
H05V-U (227IEC05 BV)	0.75	1/0.97	0.6	2.6	11.02	24.5
H05V-U (227IEC05 BV)	1	1/1.13	0.6	2.8	13.85	18.1
H05V-U (227IEC05 BV)	1.5	1/1.38	0.7	3.3	20.2	12.1
H05V-U (227IEC05 BV)	2.5	1/1.78	0.8	3.9	31.9	7.41
H05V-U (227IEC05 BV)	4	1/2.25	0.8	4.4	46.95	4.61
H05V-U (227IEC05 BV)	6	1/2.76	0.8	4.9	66.8	3.08
H05V-U (227IEC05 BV)	10	1/3.58	1	6.4	111.62	1.83
H05V-U (227IEC05 BV)	10	7/1.35	1	6.8	118.61	1.83
H05V-U (227IEC05 BV)	16	7/1.70	1	8	178.68	1.15
H05V-U (227IEC05 BV)	25	7/2.14	1.2	9.8	280.51	0.727
H05V-U (227IEC05 BV)	35	7/2.52	1.2	11	378.97	0.524
H05V-U (227IEC05 BV)	50	19/1.78	1.4	13	508.07	0.387
H05V-U (227IEC05 BV)	95	19/2.52	1.6	17	989.79	0.193
H05V-U (227IEC05 BV)	120	37/2.03	1.6	19	1228.03	0.153
H05V-U (227IEC05 BV)	150	37/2.25	1.8	21	1509.8	0.124



# POWER CABLE SERIES

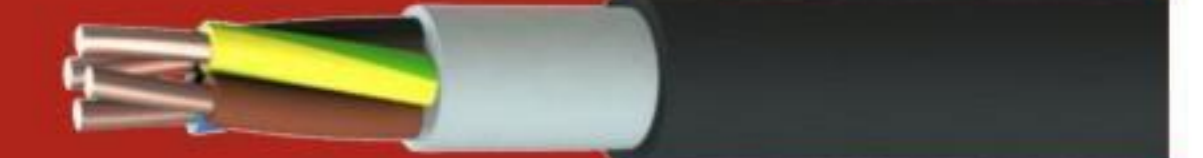
## RV FLEXIBLE SINGLE



<b>STANDARD:</b>	BS6004;IEC 60227	<b>CONSTRUCTION:</b>	BARE SOLID/STRANDED/ANNEALED COPPER PVC			
<b>VOLTAGE:</b>	300/500V;450/750V	<b>INSULATION:</b>	RED, GREEN, BLUE, BLACK, YELLOW			
<b>APPLICATION:</b>	PVC FLEXIBLE INSULATED CABLES ARE USED FOR GENERAL PURPOSE AS BUILDING WIRING FOR POWER, LIGHTING AND SWITCH CONTROL WIRE, THEY CAN BE LAID INTO PVC TRUCKING AND CONDUIT.					
ITEM SPEC	NOMINAL CROSS SECTION (MM <sup>2</sup> )	NO./DIAMETER OF CONDUCTOR (MM)	INSULATION THICKNESS (MM)	MAX. OUTER DIAMETER (MM)	REF. WEIGHT (KM/KG)	CONDUCTOR RESISTANCE AT 20°C ≤ (Ω/KM)
H05V-U (227IEC05 BV)	0.5	16/0.20	0.6	2.6	8	39
H05V-U (227IEC05 BV)	0.75	24/0.20	0.6	2.8	11	26
H05V-U (227IEC05 BV)	1	32/0.20	0.6	3	13	19.5
H05V-U (227IEC05 BV)	1.5	30/0.25	0.7	3.5	19	13.3
H05V-U (227IEC05 BV)	2.5	50/0.25	0.8	4.2	30	7.98
H05V-U (227IEC05 BV)	4	56/0.30	0.8	4.8	46	4.95
H05V-U (227IEC05 BV)	6	84/0.30	0.8	6.3	67	3.3
H05V-U (227IEC05 BV)	10	80/0.40	1	7.6	121	1.91
H05V-U (227IEC05 BV)	16	128/0.40	1	8.8	173	1.21
H05V-U (227IEC05 BV)	25	200/0.40	1.2	11	268	0.78
H05V-U (227IEC05 BV)	35	280/0.40	1.2	12.5	370	0.554
H05V-U (227IEC05 BV)	50	400/0.40	1.4	14.5	526	0.386
H05V-U (227IEC05 BV)	95	485/0.50	1.6	19	959	0.206
H05V-U (227IEC05 BV)	150	765/0.50	1.8	23.5	1508	0.129
H05V-U (227IEC05 BV)	185	944/0.50	2	26	1844	0.106
H05V-U (227IEC05 BV)	240	1225/0.50	2.2	29.5	2420	0.0801

# POWER CABLE SERIES

## BVV SOLID SHEATH



<b>STANDARD:</b>	BS6004;IEC 60227, VED0250	<b>CONSTRUCTION:</b>	BARE SOLID/STRANDED/ANNEALED COPPER PVC INSULATION PVC SHEATHED				
<b>VOLTAGE:</b>	300/500V	<b>INSULATION:</b>	RED, GREEN, BLUE, BLACK, YELLOW				
<b>APPLICATION:</b>	SUITABLE FOR HOUSEHOLD AND INDUSTRIAL USAGE, AS SURFACE BUILDING WIRING FOR POWER, LIGHTING AND SWITCH CONTROL WIRE. THEY CAN BE LAID INTO PVC TRUCKING AND CONDUIT.						
ITEM SPEC	NOMINAL CROSS SECTION (MM <sup>2</sup> )	NO./DIAMETER OF CONDUCTOR (MM)	INSULATION THICKNESS (MM)	SHEATH THICKNESS (MM)	MAX. OUTER DIAMETER (MM)	REF. WEIGHT (KM/KG)	CONDUCTOR RESISTANCE AT 20°C ≤ (Ω/KM)
H05V-U (227IEC05 BV)	2*1.5	2*1/1.38	0.7	1.2	10	84	12.1
H05V-U (227IEC05 BV)	2*2.5	2*1/1.78	0.8	1.2	11	116	7.41
H05V-U (227IEC05 BV)	2*10	2*7/1.35	1	1.4	16.5	354	1.83
H05V-U (227IEC05 BV)	3*1.5	3*1/1.38	0.7	1.2	10.5	105	12.1
H05V-U (227IEC05 BV)	3*4	3*1/2.25	0.8	1.2	13	201	4.61
H05V-U (227IEC05 BV)	3*6	3*1/2.76	0.8	1.2	14.5	278	3.08
H05V-U (227IEC05 BV)	3*10	3*7/1.35	1	1.4	18	472	1.83
H05V-U (227IEC05 BV)	4*1.5	4*1/1.38	0.7	1.2	11	129	12.1
H05V-U (227IEC05 BV)	4*4	4*1/2.25	0.8	1.2	14.5	264	4.61
H05V-U (227IEC05 BV)	4*6	4*1/2.76	0.8	1.2	16	352	3.08
H05V-U (227IEC05 BV)	4*10	4*7/1.35	1	1.4	19.5	589	1.83
H05V-U (227IEC05 BV)	5*1.5	5*1/1.38	0.7	1.2	12	155	12.1
H05V-U (227IEC05 BV)	5*2.5	5*1/1.38	0.7	1.2	14	223	7.41
H05V-U (227IEC05 BV)	5*4	5*1/2.25	0.8	1.2	16	319	4.61
H05V-U (227IEC05 BV)	5*4	5*7/0.85	0.8	1.2	17	338	4.61
H05V-U (227IEC05 BV)	5*6	5*1/2.76	0.8	1.2	17.5	428	3.08



# POWER CABLE SERIES

## RVV FLEXIBLE SHEATH



<b>STANDARD:</b>	BS6500;IEC 60227, VED0281		<b>CONSRUCTION:</b>	FLEXIBLE ANNEALED COPPER CONDUCTOR PVC INSULATION AND PVC SHEATHED			
<b>VOLTAGE:</b>	300/500V		<b>INSULATION:</b>	RED, GREEN, BLUE, BLACK, YELLOW			
<b>APPLICATION:</b>	SUITABLE FOR APPLICATION IN HOUSEHOLD KITCHENS AND OFFICES IN DRY AND DAMP CONDITIONS, INDOOR AND OUTDOOR, ELECTRICAL TOOLS, WASHING MACHINES, AIR-CONDITIONER AND VACUUM CLEANER ETC						
ITEM SPEC	NOMINAL CROSS SECTION (MM <sup>2</sup> )	NO./DIAMETER OF CONDUCTOR (MM)	INSULATION THICKNESS (MM)	SHEATH THICKNESS (MM)	MAX. OUTER DIAMETER (MM)	REF. WEIGHT (KM/KG)	CONDUCTOR RESISTANCE AT 20°C < (Ω/KM)
H05V-U (227IEC05 BV)	2*0.75	2*24/0.2	0.6	0.8	6.5	52	26
H05V-U (227IEC05 BV)	2*1.0	2*32/0.2	0.6	0.8	6.8	65	19.5
H05V-U (227IEC05 BV)	2*4	2*56/0.30	0.8	1.2	11.4	215	4.95
H05V-U (227IEC05 BV)	3*0.75	3*24/0.2	0.6	0.8	6.8	70	26
H05V-U (227IEC05 BV)	3*2.5	3*49/0.25	0.8	1	10.3	175	7.98
H05V-U (227IEC05 BV)	3*6	3*84/0.30	0.8	1.3	13.1	340	3.3
H05V-U (227IEC05 BV)	4*0.75	4*24/0.20	0.6	0.8	7.5	75	26
H05V-U (227IEC05 BV)	4*1.5	4*30/0.25	0.7	0.8	9.5	145	13.3
H05V-U (227IEC05 BV)	4*4	4*56/0.30	0.80	1.2	12.9	300	4.95
H05V-U (227IEC05 BV)	4*10	4*84/0.40	0.8	0.8	16.8	635	2.1
H05V-U (227IEC05 BV)	5*0.75	5*24/0.2	0.6	0.8	8.6	96	26
H05V-U (227IEC05 BV)	5*1	5*32/0.2	0.6	0.8	9.6	113	19.5
H05V-U (227IEC05 BV)	5*1.5	5*30/0.25	0.7	1	10.9	158	13.3
H05V-U (227IEC05 BV)	5*2.5	5*49/0.25	0.8	1.2	12.8	249	7.98
H05V-U (227IEC05 BV)	5*4	5*56/0.30	0.8	1.3	14.2	380	4.95

# POWER CABLE SERIES

## SOLAR CABLE

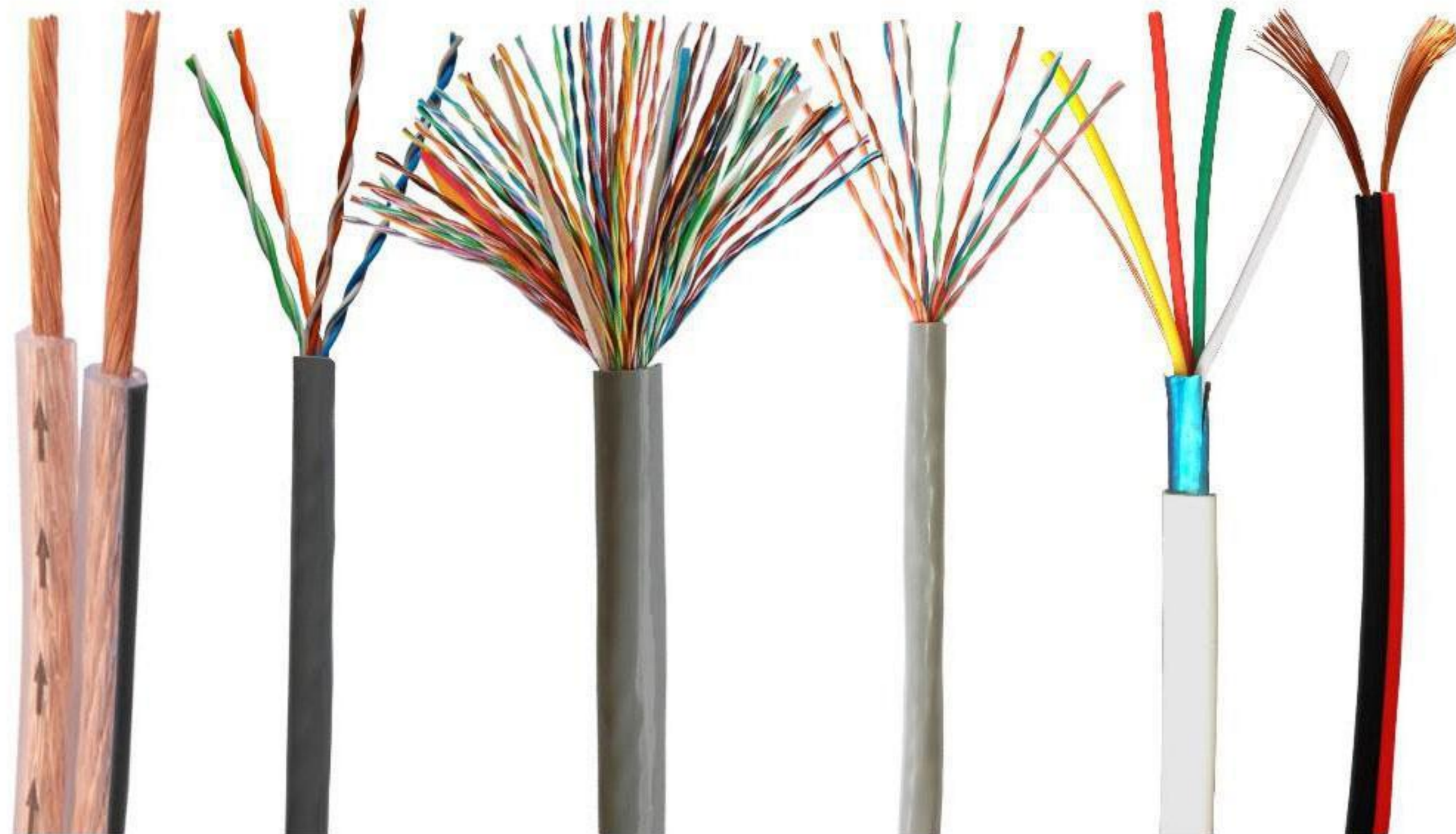


<b>NOMINAL VOLTAGE:</b>	U(/U=600/1000V AC 1800V DC	<b>VOLTAGE TEST ON COMPLETED CABLE:</b>	6.5KV AC, 15KV DC, 5min			
<b>AMBIENT TEMPERATURE:</b>	-40°C~+90°C	<b>MAX. TEMPERATURE AT CONDUCTOR:</b>	+120°C			
<b>THE EXPECTED PERIOD OF USE IS 25 YEARS AMBIET TEMPERATURE:</b>	-40°C~+90°C	<b>COLD BENDING TEST:</b>	EN60811-M UL854			
<b>WEATHERING/UV-RESISTANCE :</b>	HD605/A1 UL2556	<b>OZONE RESISTANCE AT COMPLETE CABLE:</b>	En50396			
<b>FIRE TEST:</b>	IEC60332-1, UL1581 VW-1		<b>SMOKE DENSITY:</b>	IEC 61034 • EN 50268-2		
<b>CONTENT OF HALOGEN ACID GAS:</b>	IEC670754-1 EN50267-2-1		<b>RESISTANCE AGAINST ACID AND ALKALINE SOLUTION:</b>	EN60811-2-1		
CROSS SECTION (MM <sup>2</sup> )	AWG	CONDUCTOR CONSLUCTION (N/MM)	CONDUCTOR STRANDED OD.(MM)	CABLE OD.(MM)	CONDUCTOR MAX RESISTANCE AT 20°C(Ω/KM)	RATED CURRENT AT 60°C(A)
1.5	16	30/0.25	1.58	5.60	13.3	30
2.5	14	49/0.25	2.02	6.05	7.98	41
4.0	12	56/0.30	2.60	6.60	4.95	55
6.0	10	84/0.30	3.42	7.45	3.30	70
10.0	8	84/0.40	4.56	10.10	1.91	98
16.0	6	128/0.40	5.60	11.10	1.21	132
25.0	4	192/0.40	6.95	12.45	0.780	176
35.0	2	276/0.40	8.74	14.30	0.554	218



# DATA CABLE SERIES SHOW

We offer data cable series such as cat5e cable, cat6 cable, patch cord cable, multi cord cable, alarm cable, telephone cable, speaker cable and so on.



# DATA CABLE SERIES

## CAT5E



### PHYSICAL CONSTRUCTION

CONSTRUCTION	UTP	UTP	UTP	UTP	UTP
CONDUCTOR DIMENSION(MM)	0.50	0.51	0.51	0.50	0.51
CORE DIMENSION(MM)	0.91	0.96	0.95	0.91	0.92
NO OF. PAIRS	4	4	4	4	4
NOM. OD(MM)	5.2	6.0	6.5	6.3	5.3
TYPE OF JACKET	PVC/PE	PE	PE	PVC+PE	PVC
REMARK	100MHZ	JELLY FILLED 100MHZ	WATER	100MHZ	350MHZ

### ELECTRICAL CHARACTERISTICS

Frequency(MHZ)	1	4	8	10	16	25	31.25	61.5	100	155	200	310	350
Impedance( $\Omega$ )	100±15									100±18	100±22		
RL(dB)	20	23	25	25	25	24	24	22	20	19	19	18	17
Attenuation (dB/100m)	2.0	4.1	5.8	6.5	8.2	10.4	11.6	17.0	22.0	28.1	32.4	41.8	44.9
NEXT (dB/100m)	65.3	56.3	51.8	50.3	47.3	44.3	42.9	38.4	35.3	33.0	31.0	28.0	27.0
ELFEXT (dB/100m)	63.8	51.7	45.7	43.8	39.7	35.8	33.9	27.8	23.8	20.0	18.0	14.0	13.0
PS NEXT (dB/100m)	62.3	53.3	48.8	47.3	44.2	41.3	39.9	35.4	32.3	29.0	28.0	25.0	24.0
PS ELFEXT (dB/100m)	60.8	48.7	42.7	40.8	36.7	32.8	30.9	24.8	20.8	17.0	15.0	11.0	10.0
Propagation Speed(m/s)	0.65c												



# DATA CABLE SERIES

## CAT6



### PHYSICAL CONSTRUCTION

CONSTRUCTION	UTP	UTP
CONDUCTOR DIMENSION(MM)	0.565	0.574
CORE DIMENSION(MM)	1.03	1.05
NO OF. PAIRS	4	4
NOM. OD(MM)	6.3	6.4
TYPE OF JACKET	PVC	PVC
REMARK	250MHz	550MHz

### ELECTRICAL CHARACTERISTICS

Frequency(MHZ)	1	4	8	10	16	20	25	31.25	62.5
Impedance( $\Omega$ )	100 $\pm$ 15								
Attenuation(dB/100m)	1.9	3.7	5.3	5.9	7.5	8.4	9.5	10.6	15.4
RL(dB)	20	23	25	25	25	25	24	24	22
NEXT (dB/100m)	74.3	65.3	60.3	59.3	56.3	54.8	53.4	51.9	47.4
ELFEXT(dB/100m)	67.8	55.8	49.7	47.8	43.7	41.8	39.8	37.9	31.9
PS NEXT(dB/100m)	72.3	63.3	58.8	57.3	54.3	52.8	51.4	49.9	45.4
PS ELFEXT(dB/100m)	64.8	57.7	46.7	44.8	40.7	38.7	36.8	34.9	28.8
Propagation Speed(m/s)	0.6c								

Frequency(MHZ)	100	155	200	250	300	350	400	450	500	550
Impedance( $\Omega$ )	100 $\pm$ 15				100 $\pm$ 20					
Attenuation(dB/100m)	19.8	25.1	29.0	32.8	36.4	39.8	43.0	46.3	48.9	51.8
RL(dB)	21	21	21	18	17	16	16	16	15	15
NEXT (dB/100m)	44.3	41.5	39.8	38.3	37.2	36.2	35.3	34.5	33.8	33.2
ELFEXT(dB/100m)	27.8	23.9	21.8	19.8	18.2	16.9	15.7	14.7	13.8	12.9
PS NEXT(dB/100m)	42.3	39.5	37.8	36.3	35.2	34.2	33.7	32.5	31.8	31.2
PS ELFEXT(dB/100m)	24.8	20.9	18.7	16.8	15.2	13.9	12.7	11.7	10.8	9.9
Propagation Speed(m/s)	0.6c									

# DATA CABLE SERIES

## MULTI CORE



### PHYSICAL CONSTRUCTION

CENTER CONDUCTOR	ANNEALED TINNED COPPER	22AWG
CONDUCTOR CONSTRUCTION(MM)	7*0.25	
DIELECTRIC(MM)	POLYVINYL CHLORIDE	1.35
FILM WRAP	OPET	
SHIELD	ALUMINUM FOIL 100% COVERAGE	
DRAIN-WIRE	ANNEALED TINNED COPPER	
DRAIN-WIRE CONSTRUCTION(MM)	STRANDED	7*0.25
TOTAL NUMBER OF CONDUCTORS	2CORE/4CORE/10CORE	
JACKET	FR-POLYVINYL CHLORIDE(BLACK OR GRAY OR CUSTOMIZED)	
	NOTE: OUTDOOR USE (BLACK)	

### ELECTRICAL CHARACTERISTICS

DC Resistance	62.3 $\Omega$ /km nom.
Velocity of Propagation	45% nom.
Dielectric Strength	1500V/minute
Dielectric Strength to Shield	1000V/minute
Voltage Rating	300V
Max.Operating Temperature	+70 $^{\circ}$ C
Min.Operating Temperature	-20 $^{\circ}$ C



# DATA CABLE SERIES

## UTP AIARM



<b>CONDUCTOR:</b>	OFC/TCU/CCA/TCCA		
<b>INSULATION:</b>	PVC FLAME RETARDANT MEET THE REQUIREMENT OF IEC,CEI,VDE AND NFC STANDARDS		
PRODUCT DESCRIPTION OF UNSHIELDED ALARM CABLES			
SPECIFICATION	WIRES OF CORES(MM)	I.D(MM)	O.D(MM)
2C*22AWG	2C*7/0.20	1.0PVC	3.2PVC
4C*22AWG	4C*7/0.20	1.0PVC	3.8PVC
6C*22AWG	6C*7/0.20	1.0PVC	4.1PVC
8C*22AWG	8C*7/0.20	1.0PVC	4.5PVC
10C*22AWG	10C*7/0.20	1.0PVC	5.0PVC
12C*22AWG	12C*7/0.20	1.0PVC	5.5PVC
14C*22AWG	14C*7/0.20	1.0PVC	5.8PVC
16C*22AWG	16C*7/0.20	1.0PVC	6.1PVC
18C*22AWG	18C*7/0.20	1.1PVC	6.5PVC
20C*22AWG	20C*7/0.20	1.1PVC	6.8PVC

## FTP AIARM



<b>CONDUCTOR:</b>	OFC/TCU/CCA/TCCA		
<b>INSULATION:</b>	PVC FLAME RETARDANT MEET THE REQUIREMENT OF IEC,CEI,VDE AND NFC STANDARDS		
PRODUCT DESCRIPTION OF FOIL ALARM CABLES			
SPECIFICATION	WIRES OF CORES(MM)	I.D(MM)	O.D(MM)
2C*22AWG	2C*7/0.20	1.0PVC+AL	3.2PVC
4C*22AWG	4C*7/0.20	1.0PVC+AL	3.8PVC
6C*22AWG	6C*7/0.20	1.0PVC+AL	4.1PVC
8C*22AWG	8C*7/0.20	1.0PVC+AL	4.5PVC
10C*22AWG	10C*7/0.20	1.0PVC+AL	5.0PVC
12C*22AWG	12C*7/0.20	1.0PVC+AL	5.5PVC
2C*22AWG	2C*7/0.20	1.0PVC+AL+7/0.20Ground	3.2PVC
4C*22AWG	4C*7/0.20	1.0PVC+AL+7/0.20Ground	3.8PVC
6C*22AWG	6C*7/0.20	1.0PVC+AL+7/0.20Ground	4.1PVC
8C*22AWG	8C*7/0.20	1.0PVC+AL+7/0.20Ground	4.5PVC
10C*22AWG	10C*7/0.20	1.0PVC+AL+7/0.20Ground	5.0PVC
12C*22AWG	12C*7/0.20	1.0PVC+AL+7/0.20Ground	5.5PVC

# DATA CABLE SERIES

## TELEPHONE CABLE



<b>CONDUCTOR:</b>	OFC/TCU/CCA/TCCA		
<b>INSULATION:</b>	PVC FLAME RETARDANT MEET THE REQUIREMENT OF IEC,CEI,VDE AND NFC STANDARDS		
PRODUCT DESCRIPTION OF TELEPHON CABLE			
MODEL	WIRES OF CORES(MM)	I.D(MM)	O.D(MM)
JH-Tel-01	2*7/0.10	0.9PE	2.0*4.0PVC Flat
JH-Tel-02	4*7/0.10	0.9PE	2.2*4.5PVC Flat
JH-Tel-03	6*7/0.10	0.9PE	2.2*6.4PVC Flat
JH-Tel-04	8*7/0.10	0.9PE	2.3*8.2PVC Flat
JH-Tel-05	4*7/0.12	1.0PE	3.8PVC round
JH-Tel-06	6*7/0.12	1.0PE	4.3PVC round
JH-Tel-07	8*7/0.12	1.0PE	4.6PVC round
JH-Tel-08	10*7/0.12	1.0PE	5.2 PVC round
JH-Tel-09	12*7/0.12	1.0PE	5.5PVC round
JH-Tel-10	14*7/0.12	1.0PE	5.8PVC round
JH-Tel-11	16*7/0.12	0.9PE	6.0PVC round
JH-Tel-12	18*7/0.10	1.0PE	6.4PVC round
JH-Tel-13	20*7/0.12	1.0PE	6.8PVC round



# DATA CABLE SERIES

## SPEAKER CABLE



<b>CONDUCTOR:</b>	OFC/TCU/CCA/TCCA
<b>INSULATION:</b>	PVC FLAME RETARDANT MEET THE REQUIREMENT OF IEC,CEI,VDE AND NFC STANDARDS

### PRODUCT DESCRIPTION OF SPEAKER CABLE

MODEL	CROSS SECTION(MM <sup>2</sup> )	CONDUCTOR(MM)	OUTER DIAMETER(MM)
JH-SP-01	24AWG	2C*18/0.12	1.8*3.6PVC
JH-SP-02	22AWG	2C*18/0.15	2.0*4.0PVC
JH-SP-03	20AWG	2C*29/0.15	2.2*4.4PVC
JH-SP-04	18AWG	2C*46/0.12	2.5*5.0PVC
JH-SP-05	16AWG	2C*74/0.12	3.0*6.0PVC
JH-SP-06	14AWG	2C*118/0.12	3.5*7.0PVC
JH-SP-07	12AWG	2C*187/0.12	4.5*9.0PVC
JH-SP-08	10AWG	2C*297/0.12	5.5*11.0PVC
JH-SP-09	16AWG	2C*65/0.16 I.D:2.0	5.8PVC
JH-SP-10	16AWG	4C*65/0.16 I.D:2.0	6.5PVC
JH-SP-11	14AWG	2C*41/0.25 I.D:2.5	6.5PVC
JH-SP-12	14AWG	4C*41/0.25 I.D:2.5	8.2PVC
JH-SP-13	12AWG	2C*65/0.25 I.D:3.2	8.2PVC
JH-SP-14	12AWG	4C*65/0.25 I.D:3.2	9.0PVC

# SEMIFINISHED AND RAW MATERIAL

10 years experience of manufacturing wire.

We offer semifinished cable and cable raw material such as aluminum foil, copper foil, aluminum alloy wire, cca alloy wire, ccs wire and so on. (we also offer cable production machine now)





# ACCESSORY



BNC



DC



F



SATELLITE DISH



ANTENNA



LNB



CAMERA



ALARM SIREN



TOOLS



POWER SUPPLY



INLINE AMPLIFIER



DISEQC SWITCH



## COOPER CLAD ALUMINUM MAGNESIUM WIRE(CCAM)



### Basic Info

Size:0.12mm~3.0mm  
Material Shape: Round Wire  
Conductor Material: Copper &Aluminum  
Production Capacity:600MT/MONTH  
Package: plastic spool with carton; Iron bobbin  
Copper Volume: 6%~15%  
Tensile Strength:250-300Mpa

### Product Description

Our CCAM wire is made of high strength of aluminum magnesium core , copper layer is made of pure copper , light weight but boasts higher intensity of 250-300Mpa, and the density is only 2.85g/cm<sup>3</sup>, it is 30% longer than first generation CCAM of the same weight . Buyer can take 30% cost reduction of using ours second generation CCAM, at the same time overcome the low-intensity antecedent that breaks easily.

### Application

1. A high-frequency signal transmission
2. The preferred cable TV coaxial cable conductor material
3. 50Ω RF cable conductor material
4. Telephone lines, electronic wire, computer printing line, network cable, USB and other data cables
5. Micro coaxial cable inner conductor material
6. Audio and video cable.
7. Power transmission
8. Power cable conductor material
9. Control cable inner conductor
10. Cars, locomotives dedicated cable inner conductor
11. Architectural the cloth wire conductor material

## COOPER CLAD ALUMINUM WIRE(CCA)



### Basic Info

Size:0.14mm~6.0mm  
Material Shape: Round Wire  
Conductor Material: Copper &Aluminum  
Production Capacity:600MT/MONTH  
Package: plastic spool with carton; Iron bobbin

### Product Description

Copper clad aluminum (CCA) wire is a bimetallic wire consisting of an aluminum core plated by copper, which simultaneously has the features of copper's good electrical conductivity and aluminum's light weight. It's the preferred material for inner conductor of coaxial cable and electrical equipment wire and cable. The processing method of CCA wire is similar to that of copper wire during cable manufacture.

### Application

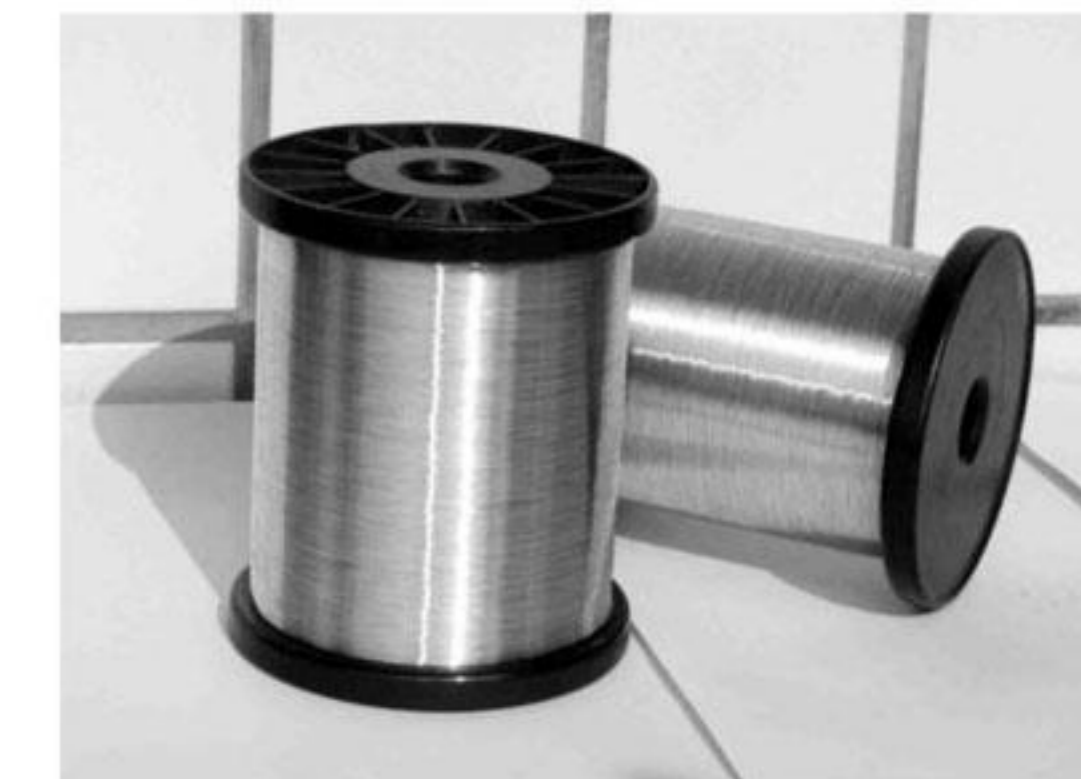
1. High Frequency Signal Transmission;
2. Ideal conductor material of coaxial cable
3. 50Ω Radio frequency (RF) cable
4. Flexible RF coaxial cable inner conductor material
5. Computer cable and other data cable inner conductor material
6. Superfine coaxial cable inner conductor material

## Aluminum Magnesium Alloy wire

Grade:5050,5052,5056,5154  
Size:0.12mm~7.5mm  
Raw Material: Aluminum ingot  
Production Capacity:1000tons/month  
Tensile Strength: ≥210MPa

### Application

- Communication cable
- Window screening
- RF cable
- Coaxial cable conductor





## TINNED COOPER CLAD ALUMINUM MAGNESIUM WIRE(TCCAM)



### Basic Info

Size: 0.12mm~0.80mm  
Tensile Strength:95-172Mpa  
Elongation:5%-15%  
Density(g/cm3):2.85-3.68  
Copper Content by Weight:10%-40%  
Production Capacity: 100MT/MONTH

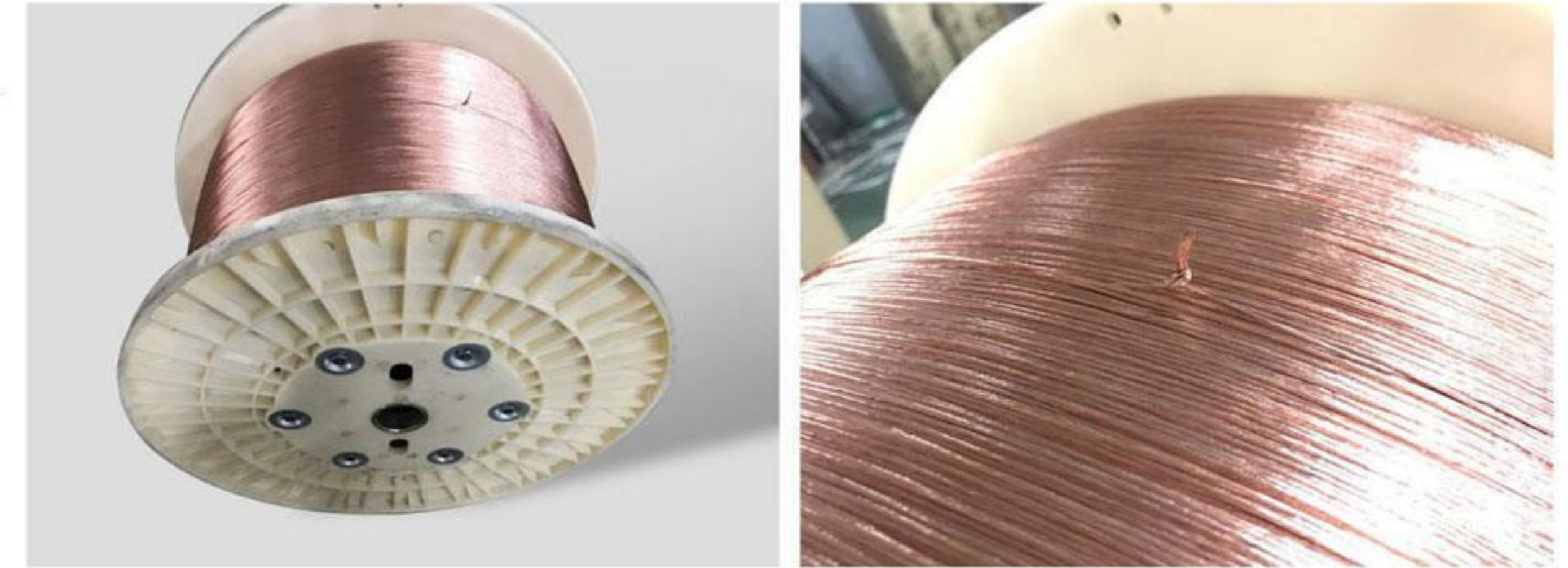
### Product Description

Tinned CCA wire is a new shielding materials which made of CCA coil and Tin layer. The electric property and mechanical property among Copper wire and Aluminum wire. It combines the good conductivity of Copper and light weight of Aluminum and it owns good shielding performance, easy to weld not easy to oxidation

### Application

1. Local Communication
2. Coaxial Cable, LAN Cable, Fiber Optic Cable, Long Distance Symmetric Cable, RF Cable,

## STRANDED & BUNCHED CCA/CCAM WIRE



### Production Description

CCA/CCAM bunched wire, which combines the good conductivity, tensile strength, welding of Copper and the light weight, easy produce of Aluminum. The copper layer spread evenly, the density is high, the extensibility is good, thus saving Copper resource and your cost.

### Applications

1. CCA/CCAM bunched wire and parallel wire widely used for high frequency signal transmission;
2. leak spilled cable inner conductor;
3. Network cable inner conductor;
4. Subtle coaxial cable inner conductor;
5. The first choice of conductive materials of cable TV coaxial cable;
6. Flexible RF coaxial cable inner conductor;
7. Computer cable, control cable and other data cable inner conductor.

### Normal package

Spool size: DIN400mm DIN500mm DIN600mm DIN630mm DIN800mm.

Section area (mm <sup>2</sup> )	Structure (number/mm)	Resistance (Ω/km) max	Weight/Length (kg/km)
0.60/0.50	19/0.20	46.90	1.67
0.75	19/0.23	35.30	2.20
1.00	19/0.26	27.60	2.82
1.50	19/0.32	18.10	4.30
2.00	19/0.36	14.20	5.47
2.50	19/0.41	11.00	7.02
3.00	19/0.32	9.30	8.40
4.00	19/0.37	6.90	11.20
5.00	19/0.40	5.90	14.10
8.00	19/0.29	3.20	22.40
10.00	19/0.32	2.59	28.10