DEFINED QUALITY

Huier 天目惠尔® TIANMU HUIER

HANGZHOU HUIER CABLE CO.,LTD

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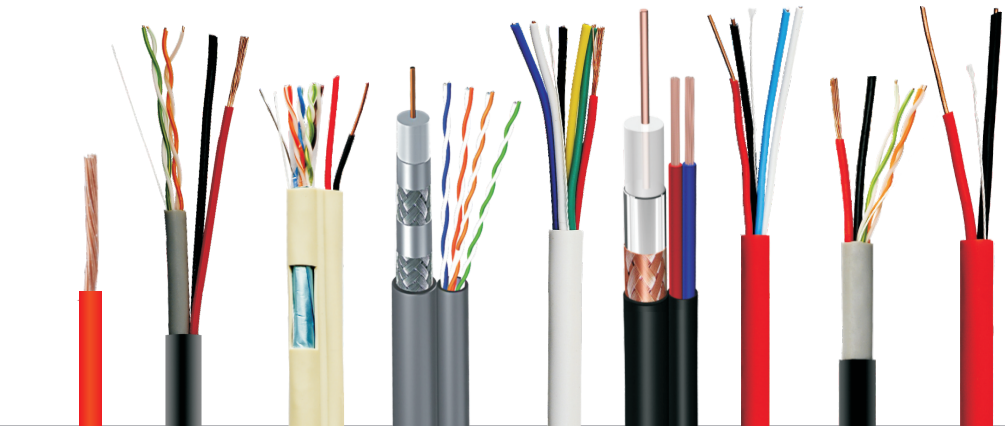

75 Ohm Coaxial Cable

Photo	Model No.	Conductor		Dielectric		Shield		Outer Jacket
		Material	Dia.	Material	Dia.	Material	Coverage	
	RG59 Standard	BC/CCS/CCA	1/0.81 (20AWG)	SPE/FPE	3.70	1.st AL-FOIL	100%	6.1
						2.nd Braiding	45~95%	
	RG59 Tri	BC/CCS/CCA	1/0.81 (20AWG)	SPE/FPE	3.70	1.st AL-FOIL	100%	6.30
						2.nd Braiding	45~95%	
						3.rd AL-FOIL	100%	
	RG59 Quad	BC/CCS/CCA	1/0.81 (20AWG)	SPE/FPE	3.70	1.st AL-FOIL	100%	6.73
						2.nd Braiding	45~95%	
						3.rd AL-FOIL	100%	
						4.th AL Braiding	45~95%	
	RG6 Standard	BC/CCS/CCA	1/1.02 (18AWG)	SPE/FPE	4.57	1.st AL-FOIL	100%	6.81
						2.nd Braiding	45~95%	
	RG6 Tri	BC/CCS/CCA	1/1.02 (18AWG)	SPE/FPE	4.57	1.st AL-FOIL	100%	7.06
						2.nd Braiding	45~95%	
						3.rd AL-FOIL	100%	
	RG6 Quad	BC/CCS/CCA	1/1.02 (18AWG)	SPE/FPE	4.57	1.st AL-FOIL	100%	7.62
						2.nd Braiding	45~95%	
						3.rd AL-FOIL	100%	
						4.th Braiding	45~95%	
	RG11 Standard	BC/CCS/CCA	1/1.63 (14AWG)	SPE/FPE	7.11	1.st AL-FOIL	100%	10.16
						2.nd Braiding	45~95%	
	RG11 Tri	BC/CCS/CCA	1/1.63 (14AWG)	SPE/FPE	7.11	1.st AL-FOIL	100%	10.30
						2.nd Braiding	45~95%	
						3.rd AL-FOIL	100%	
	RG11 Quad	BC/CCS/CCA	1/1.63 (14AWG)	SPE/FPE	7.11	1.st AL-FOIL	100%	10.34
						2.nd Braiding	45~95%	
						3.rd AL-FOIL	100%	
						4.th AL Braiding	45~95%	
	RG6 Dual (8 figure)	BC/CCS/CCA	1/1.02 (18AWG)	SPE/FPE	4.80	1.st AL-FOIL	100%	7.0
						2.nd Braiding	45~95%	
		BC/CCS/CCA	1/1.02 (18AWG)	SPE/FPE	4.80	1.st AL-FOIL	100%	7.0
						2.nd Braiding	45~95%	
	RG59+M	BC/CCS/CCA	1/0.81 (20AWG)	SPE/FPE	3.70	1.st AL-FOIL	100%	6.1
						2.nd Braiding	45~95%	
		Steel	1.13	/	/	/	/	/
	3C-2V	BC/CCS/CCA	1/0.50 (24AWG)	SPE/FPE	3.10	1.st AL-FOIL	100%	5.40
						2.nd Braiding	45~95%	

Note: Above are general specification.
We have our own research and development group , we can produce according to your situations.

CCTV Cable: Coaxial Cable+Power Wires

Photo	Model No.	Structure	Conductor		Dielectric		Shield	Outer Jacket	
			Material	Dia.	Material	Dia.		Material	Dia.
	RG59 20AWG +2*0.5mm²	Video Cable	BC	1/0.80	SPE/FPE	3.70	AL-foil+80%	PVC	11.0*6.0
		Power Cable	BC/TC	2*16/0.20	PVC/PE	1.85	/		
	RG6 +2*1.0mm²	Video Cable	BC	1/1.02	SPE/FPE	4.70	AL-foil+90%		14.0*7.1
		Power Cable	BC/TC	2*32/0.20	PVC/PE	2.50	/		
	RG59 20AWG +2*0.5mm²	Video Cable	BC	1/0.80	SPE/FPE	3.70	AL-foil+80%		9.60
		Power Cable	BC/TC	2*16/0.20	PVC/PE	1.85	/		
	Mini RG59 +2*0.22mm²	Video Cable	BC	1/0.48	SPE/FPE	3.00	80%		8.0
		Power Cable	BC/TC	2*7/0.20	PVC/PE	1.40	/		

CCTV Cable: LAN Cables+ Power Wires

Photo	Cable Shape	Model No.	Structure	Conductor		Insulation	Jacket
				Material	Dia.		
	Overall Jacket	UTP CAT5E(2P)+2DC	Lan cable	BC/CCA	24AWG	HDPE	PVC
			Power Cable	BC/CCA	0.50-1.0mm²	PE/PVC	/
	Dual Jacket	UTP CAT5E(2P)+2DC	Lan cable	BC/CCA	24AWG	HDPE	PVC
			Power Cable	BC/CCA	0.50-1.0mm²	PE/PVC	/
	Figure 8	UTP CAT5E(4P)+2DC	Lan cable	BC/CCA	24AWG	HDPE	PE/PVC
			Power Cable	BC/CCA	0.50-1.0mm²	PE/PVC	PE/PVC
	Figure 8	UTP CAT6 (4P) + 2DC	Lan cable	BC/CCA	23AWG	HDPE	PE/PVC
			Power Cable	BC/CCA	0.50-1.0mm²	PE/PVC	PE/PVC

50 Ohm Coaxial Cable

Photo	Model No.	Conductor		Dielectric		Shield		Outer Jacket
		Material	Dia.	Material	Dia.	Material	Coverage	
	RG58	BC/TC	19AWG /19*0.2mm	SPE	2.95mm /2.9mm	BC/TC	95%	4.95
	RG213	BC/TC	13AWG /7*0.75mm	SPE	7.24mm	BC/TC	96%	10.3
	RG174	BC/TC/CCA	7*0.16mm /0.48mm	SPE	1.9mm	BC/TC	90%	2.7
	S400	BC/CCA	2.74mm	FPE	7.24mm	1.st AL-FOIL	100%	10.29
						2.nd Braiding	45~95%	

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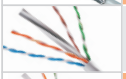
Network Cable–Indoor

Photo	Model No.	Conductor		Insulation		Shield		Outer Jacket	
		Material	Strands	Material	Dia.	Material	Coverage	Material	Dia.
	UTP Cat.5e	BC/CCA	24AWG	HDPE	0.9	/	/	PVC/Fr – PVC/LSZH	5.1 ± 0.2
	FTP Cat.5e	BC/CCA	24AWG	HDPE	1.0	Al–foil	100%		5.6 ± 0.2
	SFTP Cat.5e	BC/CCA	24AWG	HDPE	1.0	Al–foil+TC	100%+30%		6.1 ± 0.2
	UTP Cat.6	BC/CCA	23AWG	HDPE	1.06	/	/		6.3 ± 0.2
	F/UTP Cat.6	BC/CCA	23AWG	HDPE	1.1	Al–foil	100%		6.8 ± 0.2
	SF/UTP Cat.6	BC/CCA	23AWG	HDPE	1.1	Al–foil+TC	100%+30%		7.2 ± 0.2

Network Cable–Outdoor

Photo	Model No.	Conductor		Insulation		Shield		Outer Jacket	
		Material	Dia.	Material	Dia.	Material	Coverage	Material	Dia.
	UTP Cat.5e	BC/CCA	24AWG	HDPE	0.9	/	/	PE/PVC UV–Proof	5.1 ± 0.2
	FTP Cat.5e	BC/CCA	24AWG	HDPE	1.0	Al–foil	100%	PE/PVC UV–Proof	6.2 ± 0.2
	FTP Cat.5e + M	BC/CCA	24AWG	HDPE	1.0	Al–foil	100%	PE/PVC UV–Proof	6.2 ± 0.2
		Steel	1.20	/	/	/	/		
	FTP Cat.5e Dual	BC/CCA	24AWG	HDPE	1.0	Al–foil	100%	PE/PVC UV–Proof	6.2 ± 0.2 7.4 ± 0.2
	UTP Cat.6	BC/CCA	23AWG	HDPE	1.06	/	/	PE/PVC UV–Proof	6.3 ± 0.2
	FTP Cat.6	BC/CCA	23AWG	HDPE	1.1	Al–foil	100%	PE/PVC UV–Proof	6.2 ± 0.2
	FTP Cat.6 + M Dual	BC/CCA	23AWG	HDPE	1.1	Al–foil	100%	PE/PVC UV–Proof	6.8 ± 0.2
		Steel	1.20	/	/	/	/		8.2 ± 0.2

Note: All above can gel filled.

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FIRE ALARM CABLE – Shielded

Photo	Cores	Conductor		Insulation		Jacket	
		Material	Dia.	Material	Dia.	Material	Dia.
	2	BC	0.81mm(20AWG)	FR-PVC/LSOH	1.5mm	FR-PVC/LSZH	4.6mm
	4	BC	0.81mm(20AWG)	FR-PVC/LSOH	1.5mm	FR-PVC/LSZH	5.8mm
	6	BC	0.81mm(20AWG)	FR-PVC/LSOH	1.5mm	FR-PVC/LSZH	6.2mm
	8	BC	0.81mm(20AWG)	FR-PVC/LSOH	1.5mm	FR-PVC/LSZH	6.8mm

ALARM & SECURITY CABLE–Shielded

Photo	Cores	Conductor		Insulation		Shield	Jacket	
		Material	Strands	Material	Dia.		Material	Dia.
	2	BC/TC/CCA	7/0.20mm(24AWG)	PVC	1.0mm	PET+AL Foil	PVC/LSZH	3.6mm
	4	BC/TC/CCA	7/0.20mm(24AWG)	PVC	1.0mm	PET+AL Foil	PVC/LSZH	4.2mm
	6	BC/TC/CCA	7/0.20mm(24AWG)	PVC	1.0mm	PET+AL Foil	PVC/LSZH	4.6mm
	8	BC/TC/CCA	7/0.20mm(24AWG)	PVC	1.0mm	PET+AL Foil	PVC/LSZH	5.2mm

Note: Drain Wire: Material: BC/TC/CCA, Strands: 7/0.20mm.

Photo	Cores	Conductor		Insulation		Shield	Jacket	
		Material	Strands	Material	Dia.		Material	Dia.
	2	BC/TC/CCA	7/0.254mm	PVC	1.2mm	PET+AL Foil	PVC/LSZH	4.0mm
	4	BC/TC/CCA	7/0.254mm	PVC	1.2mm	PET+AL Foil	PVC/LSZH	4.6mm
	6	BC/TC/CCA	7/0.254mm	PVC	1.2mm	PET+AL Foil	PVC/LSZH	5.5mm
	8	BC/TC/CCA	7/0.254mm	PVC	1.2mm	PET+AL Foil	PVC/LSZH	6.2mm

Note: Drain Wire: Material: BC/TC/CCA, Strands: 7/0.254mm.

FIRE ALARM CABLE – With High-Grade Fire-Resistant Material

Photo	Cores	Conductor		Insulation		Jacket	
		Material	Dia.	Material	Dia.	Material	Dia.
	2	BC	0.81mm(20AWG)	LSOH	1.6mm	LSZH	5.6mm
	4	BC	0.81mm(20AWG)	LSOH	1.6mm	LSZH	6.2mm
	6	BC	0.81mm(20AWG)	LSOH	1.6mm	LSZH	7.0mm
	8	BC	0.81mm(20AWG)	LSOH	1.6mm	LSZH	8.5mm

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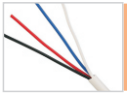
ALARM & SECURITY CABLE – Unshielded

Photo	Cores	Conductor		Insulation		Jacket	
		Material	Strands	Material	Dia.	Material	Dia.
	2	BC/TC/CCA	7/0.20mm(24AWG)	PVC	1.0mm	PVC/LSZH	3.2mm
	4	BC/TC/CCA	7/0.20mm(24AWG)	PVC	1.0mm	PVC/LSZH	3.8mm
	6	BC/TC/CCA	7/0.20mm(24AWG)	PVC	1.0mm	PVC/LSZH	4.2mm
	8	BC/TC/CCA	7/0.20mm(24AWG)	PVC	1.0mm	PVC/LSZH	4.6mm
	10	BC/TC/CCA	7/0.20mm(24AWG)	PVC	1.0mm	PVC/LSZH	5.0mm
	12	BC/TC/CCA	7/0.20mm(24AWG)	PVC	1.0mm	PVC/LSZH	5.6mm
	2	BC/TC/CCA	7/0.254mm	PVC	1.2mm	PVC/LSZH	3.6mm
	4	BC/TC/CCA	7/0.254mm	PVC	1.2mm	PVC/LSZH	4.2mm
	6	BC/TC/CCA	7/0.254mm	PVC	1.2mm	PVC/LSZH	5.1mm
	8	BC/TC/CCA	7/0.254mm	PVC	1.2mm	PVC/LSZH	5.5mm
	10	BC/TC/CCA	7/0.254mm	PVC	1.2mm	PVC/LSZH	5.9mm
	12	BC/TC/CCA	7/0.254mm	PVC	1.2mm	PVC/LSZH	6.5mm

Combined Alarm & Security Cable

	4	BC/TC/CCA	2C*0.5sqmm + 2C*0.2sqmm	PVC	1.4mm + 1.15mm	PVC/LSZH	5.0mm

FIRE ALARM CABLE – Unshielded

Photo	Cores	Conductor		Insulation		Jacket	
		Material	Dia.	Material	Dia.	Material	Dia.
	2	BC	0.81mm(20AWG)	FR-PVC/LSOH	1.5mm	FR-PVC/LSZH	3.8mm
	4	BC	0.81mm(20AWG)	FR-PVC/LSOH	1.5mm	FR-PVC/LSZH	4.8mm
	6	BC	0.81mm(20AWG)	FR-PVC/LSOH	1.5mm	FR-PVC/LSZH	5.8mm
	8	BC	0.81mm(20AWG)	FR-PVC/LSOH	1.5mm	FR-PVC/LSZH	6.4mm

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Access Control Cable – Unshielded

Photo	Model No.	Structure	Conductor		Insulation		Shield	Outer Jacket	
			Material	Dia.	Material	Dia.	Material	Material	Dia.
	2x0.22+2x0.5	Control	BC/TC/CCA	2x7/0.2	PVC	1.2	/	PVC PE Fr-PVC LSZH	5.1 ± 0.2
		Power		2x16/0.2		1.9			
	4x0.22+2x0.5	Control	BC/TC/CCA	4x7/0.2	PVC	1.2	/		5.8 ± 0.2
		Power		2x16/0.2		1.9			
	6x0.22+2x0.5	Control	BC/TC/CCA	6x7/0.2	PVC	1.2	/		6.2 ± 0.2
		Power		2x16/0.2		1.9			
	8x0.22+2x0.5	Control	BC/TC/CCA	8x7/0.2	PVC	1.2	/		6.8 ± 0.2
		Power		2x16/0.2		1.9			
	10x0.22+2x0.5	Control	BC/TC/CCA	10x7/0.2	PVC	1.2	/		7.1 ± 0.2
		Power		2x16/0.2		1.9			
	12x0.22+2x0.5	Control	BC/TC/CCA	12x7/0.2	PVC	1.2	/		7.6 ± 0.2
		Power		2x16/0.2		1.9			
	2x0.22+2x0.75	Control	BC/TC/CCA	2x7/0.2	PVC	1.2	/		5.8 ± 0.2
		Power		2x24/0.2		2.3			
	4x0.22+2x0.75	Control	BC/TC/CCA	4x7/0.2	PVC	1.2	/		6.4 ± 0.2
		Power		2 × 24/0.2		2.3			
	6x0.22+2x0.75	Control	BC/TC/CCA	6x7/0.2	PVC	1.2	/		6.7 ± 0.2
		Power		2x24/0.2		2.3			
	8x0.22+2x0.75	Control	BC/TC/CCA	8x7/0.2	PVC	1.2	/		7 ± 0.2
		Power		2x24/0.2		2.3			
	10x0.22+2x0.75	Control	BC/TC/CCA	10x7/0.2	PVC	1.2	/		7.7 ± 0.2
		Power		2x24/0.2		2.3			
	12x0.22+2x0.75	Control	BC/TC/CCA	12x7/0.2	PVC	1.2	/		8.1 ± 0.2
		Power		2x24/0.2		2.3			

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Access Control Cable – Shielded

Photo	Model No.	Structure	Conductor		Insulation		Shield	Outer Jacket	
			Material	Dia.	Material	Dia.	Material	Material	Dia.
	2x0.22+2x0.5S	Control	BC/TC/CCA	2x7/0.2	PVC	1.2	Al-foil	PVC PE Fr-PVC LSZH	5.2 ± 0.2
		Power		2x16/0.2		1.9			
	4x0.22+2x0.5S	Control	BC/TC/CCA	4x7/0.2	PVC	1.2	Al-foil		5.9 ± 0.2
		Power		2x16/0.2		1.9			
	6x0.22+2x0.5S	Control	BC/TC/CCA	6x7/0.2	PVC	1.2	Al-foil		6.3 ± 0.2
		Power		2x16/0.2		1.9			
	8x0.22+2x0.5S	Control	BC/TC/CCA	8x7/0.2	PVC	1.2	Al-foil		6.9 ± 0.2
		Power		2x16/0.2		1.9			
	10x0.22+2x0.5S	Control	BC/TC/CCA	10 × 7/0.2	PVC	1.2	Al-foil		7.2 ± 0.2
		Power		2x16/0.2		1.9			
	12x0.22+2x0.5S	Control	BC/TC/CCA	12x7/0.2	PVC	1.2	Al-foil		7.7 ± 0.2
		Power		2x16/0.2		1.9			
	2x0.22+2x0.75S	Control	BC/TC/CCA	2x7/0.2	PVC	1.2	Al-foil		5.9 ± 0.2
		Power		2x24/0.2		2.3			
	4x0.22+2x0.75S	Control	BC/TC/CCA	4x7/0.2	PVC	1.2	Al-foil		6.5 ± 0.2
		Power		2x24/0.2		2.3			
	6x0.22+2x0.75S	Control	BC/TC/CCA	6x7/0.2	PVC	1.2	Al-foil		6.8 ± 0.2
		Power		2x24/0.2		2.3			
	8x0.22+2x0.75S	Control	BC/TC/CCA	8x7/0.2	PVC	1.2	Al-foil		7.1 ± 0.2
		Power		2x24/0.2		2.3			
	10x0.22+2x0.75S	Control	BC/TC/CCA	10x7/0.2	PVC	1.2	Al-foil		7.8 ± 0.2
		Power		2 × 24/0.2		2.3			
	12x0.22+2x0.75S	Control	BC/TC/CCA	12x7/0.2	PVC	1.2	Al-foil		8.2 ± 0.2
		Power		2x24/0.2		2.3			
	2 LANs + 2 Powers	Control	BC/TC/CCA	2x30/0.25	PVC	2.9	/	PVC/PE/Fr-PVC/LSZH	9.1 ± 0.2
		Power		2x11/0.2		1.8			

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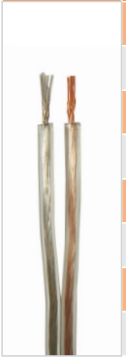
Loudspeaker Cable

Photo	Model No.	Conductor		Insulation		Conductor		Mini.Insulation Resistance@ 70℃ (M/KM)
		Material	Dia.(e.g.)	Material	Dia.	BC	TC	
	0.5mm²	BC/TC/CCA	50/0.11	Trans-PVC/PVC	1.0	42.10	46.30	0.013
	0.7mm²	BC/TC/CCA	71/0.11	Trans-PVC/PVC	1.2	27.10	27.80	0.010
	1.0mm²	BC/TC/CCA	100/0.11	Trans-PVC/PVC	1.2	19.50	20.00	0.010
	1.5mm²	BC/TC/CCA	150/0.11	Trans-PVC/PVC	1.2	12.70	13.20	0.009
	1.9mm²	BC/TC/CCA	200/0.11	Trans-PVC/PVC	1.3	9.00	9.30	0.008
	2.4mm²	BC/TC/CCA	250/0.11	Trans-PVC/PVC	1.3	7.98	8.30	0.008
	2.9mm²	BC/TC/CCA	300/0.11	Trans-PVC/PVC	1.3	7.20	7.56	0.008
	3.4mm²	BC/TC/CCA	350/0.11	Trans-PVC/PVC	1.3	4.61	4.64	0.008

Power Cable

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

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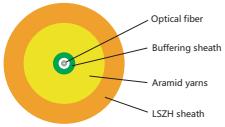
Simplex Round Indoor Cable

Installation Method: Used in pigtails and cords;in optical connections in optical communication equipment rooms and optical distribution frames; in optical connections in optical apparatus equipment.

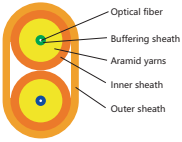
Technological Parameters						
Fiber Count	Minimum Bending Radius(mm)		Min. Tensile Strength(N)		Min. Crush Resistance(N/100mm)	
	Static	Dynamic	Short Term	Long Term	Short Term	Long Term
1	30 times Diameter	50 times Diameter	80	40	500	100
Tight-buffered fiber		Buffering sheath	Strength member	Cable Sheath	Cable Sheath Color	
1		LSZH	Aramid yarns	PVC	Yellow (single mode)	



Flat Duplex Double Sheath Indoor Cable

Installation Method: Used in pigtails and cords;in optical connections in optical communication equipment rooms and optical distribution frames,and optical connectors;in indoor cabling.

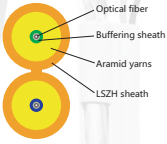
Technological Parameters						
Fiber Count	Minimum Bending Radius(mm)		Min. Tensile Strength(N)		Min. Crush Resistance(N/100mm)	
	Static	Dynamic	Short Term	Long Term	Short Term	Long Term
2	30 times Diameter	60 times Diameter	120	60	500	100
Tight-buffered fiber		Buffering sheath	Strength member	Cable Sheath	Cable Sheath Color	
1		LSZH	Aramid yarns	PVC	Yellow (single mode)	



Duplex Flat Indoor Cable

Installation Method: Used in pigtails and cords;in optical connections in optical communication equipment rooms and optical distribution frames,and optical connectors;in indoor cabling.

Technological Parameters						
Fiber Count	Minimum Bending Radius(mm)		Min. Tensile Strength(N)		Min. Crush Resistance(N/100mm)	
	Static	Dynamic	Short Term	Long Term	Short Term	Long Term
2	60 times Diameter	30 times Diameter	120	60	500	100
Tight-buffered fiber		Buffering sheath	Strength member	Cable Sheath	Cable Sheath Color	
1		LSZH	Aramid yarns	PVC	Yellow (single mode)	



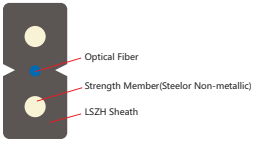
Note: Above are general specification.
We have our own research and development group , we can produce according to your situations.

Flat Optical Fiber Cable

Cable Type: GJXH(GJXFH/GJXV/GJXFV)

Installation Method: Suitable for indoor network,building,Aerial and Pipeline.

Technological Parameters						
Fiber Count	Minimum Bending Radius(mm)		Min. Tensile Strength(N)		Min. Crush Resistance(N/100mm)	
	Static	Dynamic	Short Term	Long Term	Short Term	Long Term
12-1080	15 times Diameter	30 times Diameter	1500	600	1000	300



Self-supporting Flat Optical Fiber Cable

Cable Type: GJYXCH(GJYXFCH/GJYXCV/GJYXFCV)

Installation Method: Suitable for Aerial and building laying method.

Technological Parameters						
Fiber Count	Minimum Bending Radius(mm)		Min. Tensile Strength(N)		Min. Crush Resistance(N/100mm)	
	Static	Dynamic	Short Term	Long Term	Short Term	Long Term
1-4cores	15 times Diameter	30 times Diameter	600	300	2200	1000

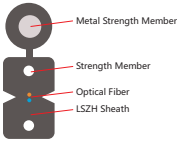
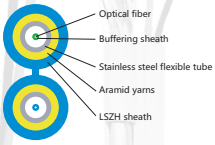


Figure-8 Simplex Armored Cable SM

Installation Method: 1.Armored Patch Cord; 2.Pigtails,Optical Equipment; 3.Central office,FTTH,Optical Distribution Frame; 4.Optical cable transmission of Network,Railway,Bridge,Power Station and Pipeline Engineering.

Technological Parameters						
Fiber Count	Minimum Bending Radius(mm)		Min. Tensile Strength(N)		Min. Crush Resistance(N/100mm)	
	Static	Dynamic	Short Term	Long Term	Short Term	Long Term
2	20D	10D	400	200	5000	3000
Fiber count	Stainless steel flexible tube	Strength member	Stainless steel braiding		Cable sheath	Cable sheath color
2	Has nice moisture proof property	Aramid yarns	Enhances cable' s moisture proof performance and ensures cable' s flexibility and anti-ending capability		LSZH	Black



Note: Above are general specification.
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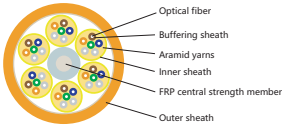
High-count Fiber Distribution Indoor Cable

Installation Method: Used in pigtails and cords;indoor cabling,especially used as distribution cable;as interconnect lines of equipment ,and used in optical connections in optical communication rooms and distribution frames.

Technological Parameters

Fiber Count	Minimum Bending Radius(mm)		Min. Tensile Strength(N)		Min. Crush Resistance(N/100mm)	
	Static	Dynamic	Short Term	Long Term	Short Term	Long Term
24-72	20D	10D	1300	400	1000	300
Tight-buffered fiber	Buffering sheath	Strength member	Inner sheath	Central strength member	Cable sheath	Cable sheath color
24-72	LSZH	Aramid yarns	PVC	FRP(fiber reinforce plastic rod)	PVC	Yellow (single mode)



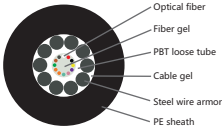
Central Tube Optical Fiber Cable

Cable Type: GYXTY

Installation Method: Aerial ,Duct

Technological Parameters

Fiber Count	Minimum Bending Radius(mm)		Min. Tensile Strength(N)		Min. Crush Resistance(N/100mm)	
	Static	Dynamic	Short Term	Long Term	Short Term	Long Term
2-48	10D	20D	1500	600	1000	300
Fiber count	Loose tube		Armor	Waterproof layer		sheath
2-48	Colored fiber in PBT loose tube,filled with fiber gel		Single fine steel wire round the loose tube	Cable core filled with cable gel or water blocking tape,water blocking yarns		PE



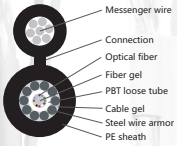
Self-supporting Aerial Optical Fiber Cable

Cable Type: GYXTC8Y

Installation Method: Self-supporting aerial

Technological Parameters

Fiber Count	Minimum Bending Radius(mm)		Min. Tensile Strength(N)		Min. Crush Resistance(N/100mm)	
	Static	Dynamic	Short Term	Long Term	Short Term	Long Term
2-48	10D	20D	6000	3000	1000	300
Fiber Count	Loose tube	Armor	Waterproof layer		Messenger wire	sheath
2-48	Colored fiber in PBT loose tube, filled with fiber gel	Single fine steel wire round the loose tube	Cable core filled with cable gel or water blocking tape,water blocking yams		Single steel wire or stranded steel wire	PE



Note: Above are general specification.
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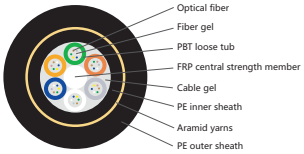
All Dielectric Self -Supporting Optical Fiber Cable

Cable Type: ADSS

Installation Method: Typically used in areas with high electrial field strength or frequest lightning in the power communication transmission system.

Technological Parameters

Cable type	Fibe attenuation(B1)(dB/km)		Nominal cable outer dia(mm)	Nominal thickness of outer sheath (mm)	Cable weight (kg/km)	Yong's modulus (Gpa)	Thermal expansion coefficient	Min.bending radius(mm)	Represent ative span(m)
	1310nm	1550nm							
ADSS-PE	≤0.36	≤0.22	13	≥1.7	80-180	8-20	≤10	static: 15D dynamic: 25D	100-1000
Fiber Count	Loose tube		Central strength member		Waterproof layer		High -strength aramid yam		sheath
2-144	Colored fiber in PBT loose tube,filled with fiber gel		Non-metallic strength member FRP		Cable core filled with cable gel or water blocking tape,water blacking yarns.		Offers very high tensile strength,small diameter and light weigth to fit different climate consistions and laying spans		Anti-tracking (AT) material or Polyethylene(PE)



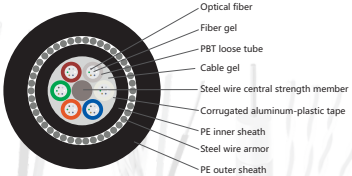
Underwater Cable

Cable Type: GYTA(S)33

Installation Method: Underwater ,Direct burial

Technological Parameters

Fiber Count	Minimum Bending Radius(mm)		Min. Tensile Strength(N)		Min. Crush Resistance(N/100mm)	
	Static	Dynamic	Short Term	Long Term	Short Term	Long Term
2-144	12.5D	25D	10000	4000	5000	3000
Fiber Count	Loose tube	Central strength member	Waterproof layer	Aluminum-plastic (steel -Plastic)tape	Steel wire armor	sheath
2-144	Colored fiber in PBT loose tube, filled with fiber gel	Steel wire	Cable core filled with cable gel or water blocking tape,water blacking yarns.	Has nice moisture proof prop	Has nice moisture proof prop	PE



Note: Above are general specification.
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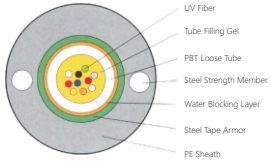
2~24 Core Center Tube Type Optical Fiber (Steel Tape Armor)

Cable Type:GYXTW

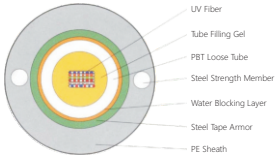
Technological Parameters						
Fiber Count	Minimum Bending Radius(mm)		Min. Tensile Strength(N)		Min. Crush Resistance(N/100mm)	
	Static	Dynamic	Short Term	Long Term	Short Term	Long Term
2~24	10 times Diameter	20 times Diameter	1500	600	1000	300



6~144 Core Center Tube Type Optical Fiber

Cable Type:GYDXTW

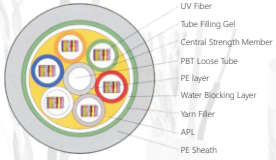
Technological Parameters						
Fiber Count	Minimum Bending Radius(mm)		Min. Tensile Strength(N)		Min. Crush Resistance(N/100mm)	
	Static	Dynamic	Short Term	Long Term	Short Term	Long Term
6-144	15 times Diameter	30 times Diameter	1500	600	1000	300



12~1080 Core Loose Tube Stranded Type Optical Fiber (Aluminum Band Longitudinal Wrapping)

Cable Type:GYDTA

Technological Parameters						
Fiber Count	Minimum Bending Radius(mm)		Min. Tensile Strength(N)		Min. Crush Resistance(N/100mm)	
	Static	Dynamic	Short Term	Long Term	Short Term	Long Term
12-1080	15 times Diameter	30 times Diameter	1500	600	1000	300



Note: Above are general specification.
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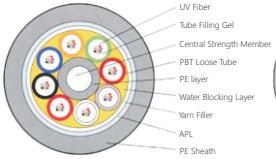
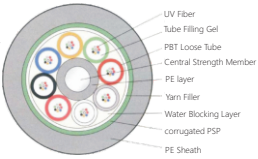
2~432 Core Loose Tube Stranded Type Optical Fiber （Aluminum Band Longitudinal Wrapping/(Steel Tape Armor))

Cable Type:GYTA/GYTS

Technological Parameters						
Fiber Count	Minimum Bending Radius(mm)		Min. Tensile Strength(N)		Min. Crush Resistance(N/100mm)	
	Static	Dynamic	Short Term	Long Term	Short Term	Long Term
2-432	10 times Diameter	20 times Diameter	1500	600	1000	300

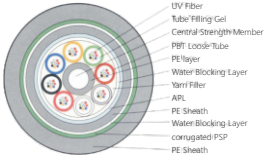




2~432 Core Direct Burial Loose Tube Stranded Structure Type Optical Fiber

Cable Type:GYTA53

Technological Parameters						
Fiber Count	Minimum Bending Radius(mm)		Min. Tensile Strength(N)		Min. Crush Resistance(N/100mm)	
	Static	Dynamic	Short Term	Long Term	Short Term	Long Term
2-432	15 times Diameter	30 times Diameter	3000	1000	3000	1000



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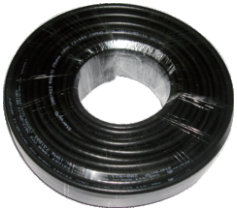
PACKING OPTIONS



• Roll 100M

• Wooden Spool 200/305M

• Plastic Reel 100/200/305M

• Plastic with Holder 305M

• Paper Reel 100/200M

• Easy Pull Box 305M

• Pallet Additional Packing

Note: Above are general specification.
We have our own research and development group , we can produce according to your situations.