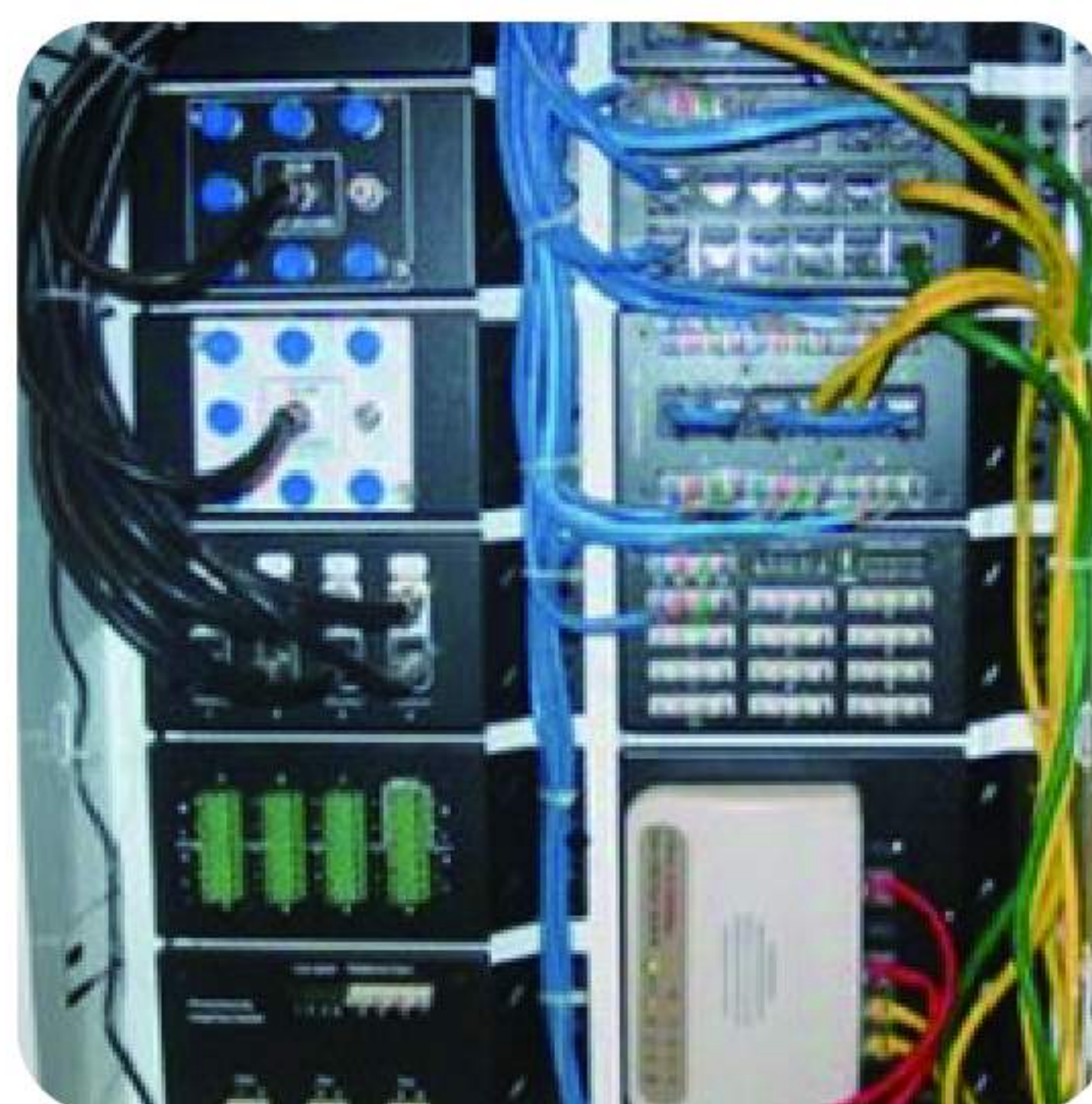
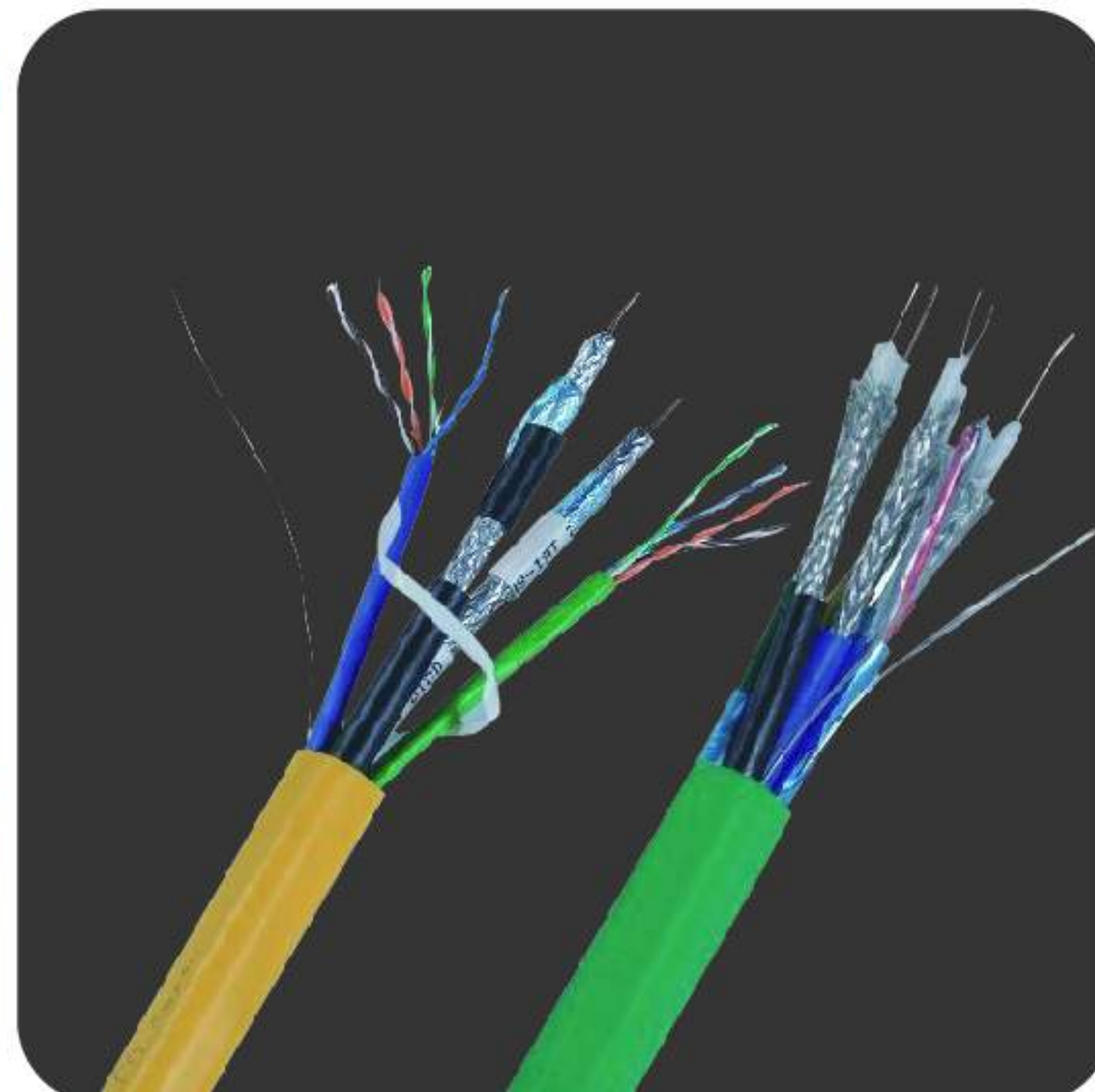
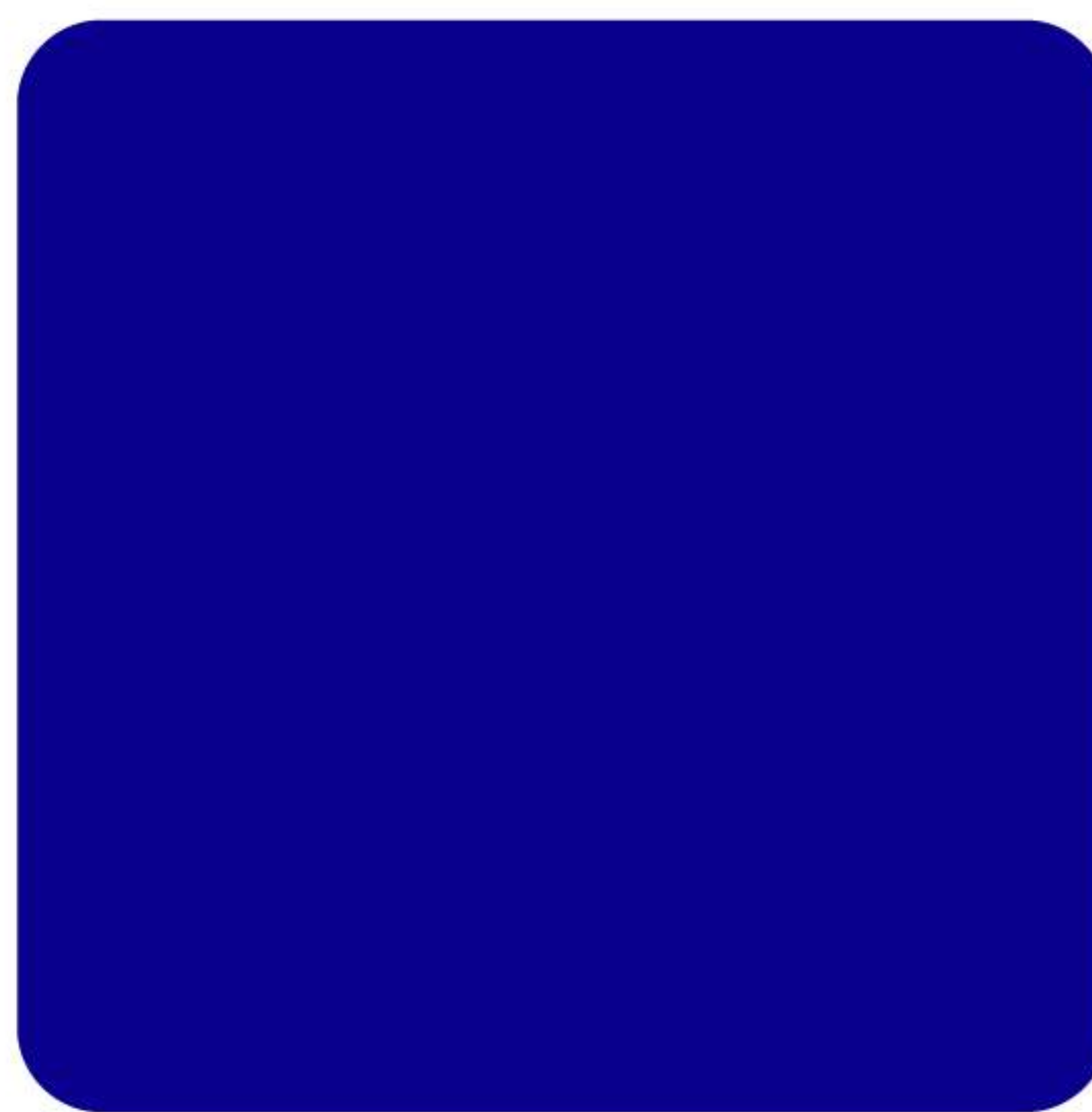




CATV CABLE

MIL SPEC SOLID PE CABLE

COMMUNICATION CABLE

OPTICAL FIBER CABLE

LAN CABLE



杭州森伟电子有限公司

HangZhou Sumlo Industrial Co.,Ltd



INTRODUCTION

SUMLO is one of mainly China supplier on wires and cables, catv equipment and fiber optical cable. the products are mainly used in CATV & MATV system, base station, wireless communication, broadcast industrial, radio system, MIL communications system. Our R&D Dpt can design cables and equipments according customer's requirements.

All of our products are according USA standard, such as the products from Commscope、Belden、TFC. Our experience enables us to give a written warranty on our cables of up to 10 years. Due to our good quality and service, we had supplied our products to more than 50 countries, Europe, Asia, Australia, America, South America, etc., and we have win reputations and honor in our customers.

The purpose of "Firsts "and our commitment to the success of our customers continue to drive SUMLO toward greater advances in our products, backed with pride in our past in novations.



SUMLO CABLE

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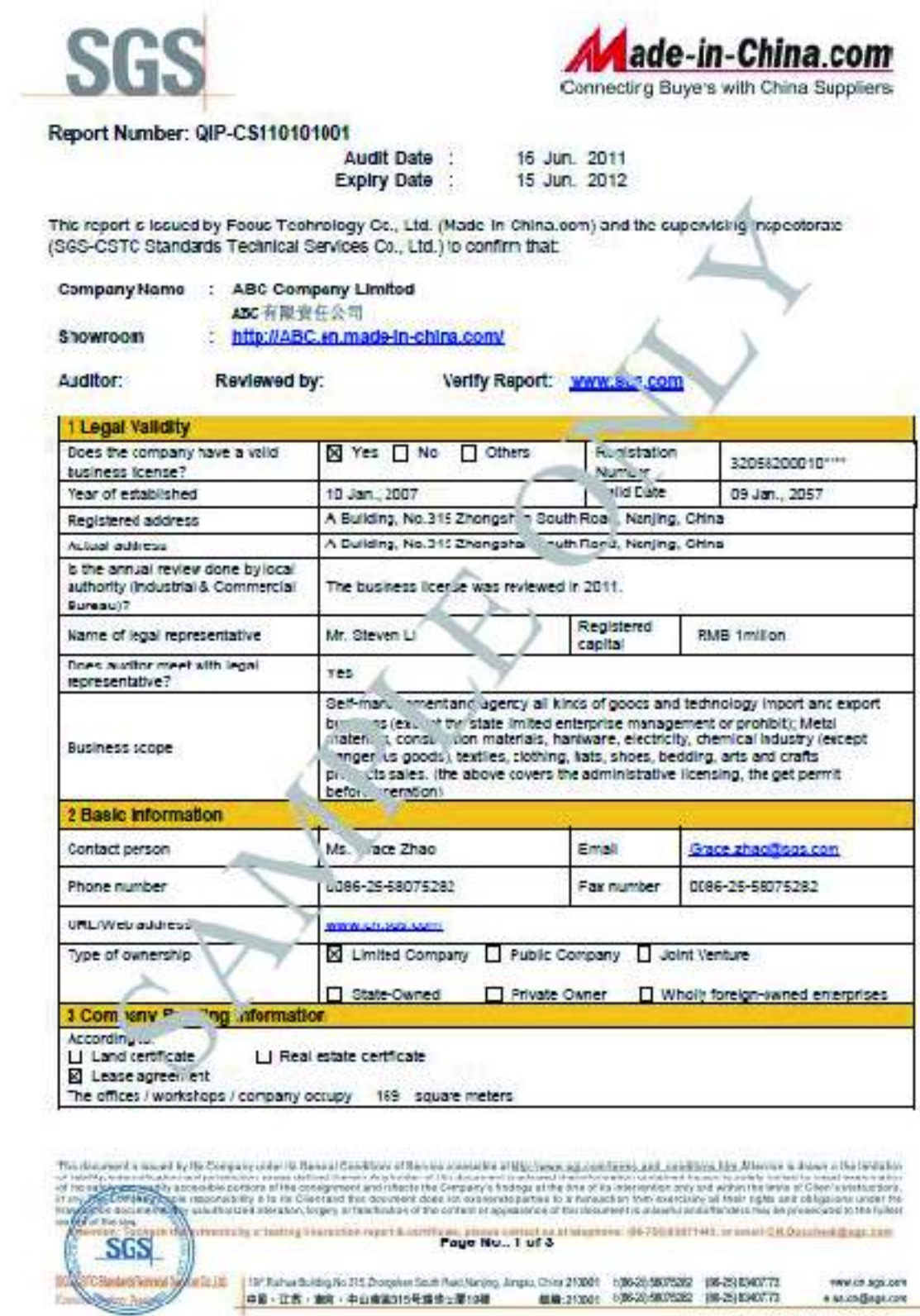
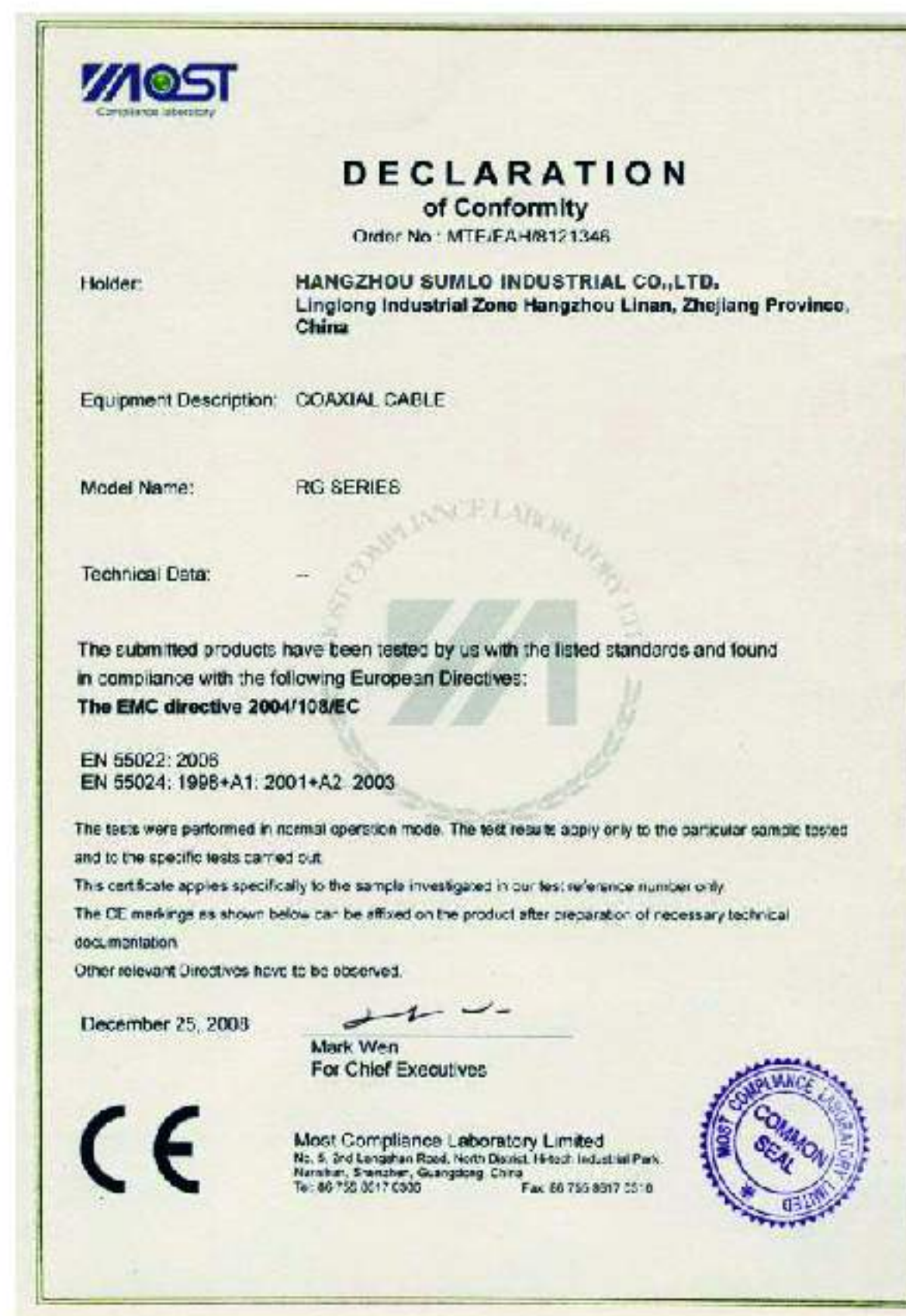
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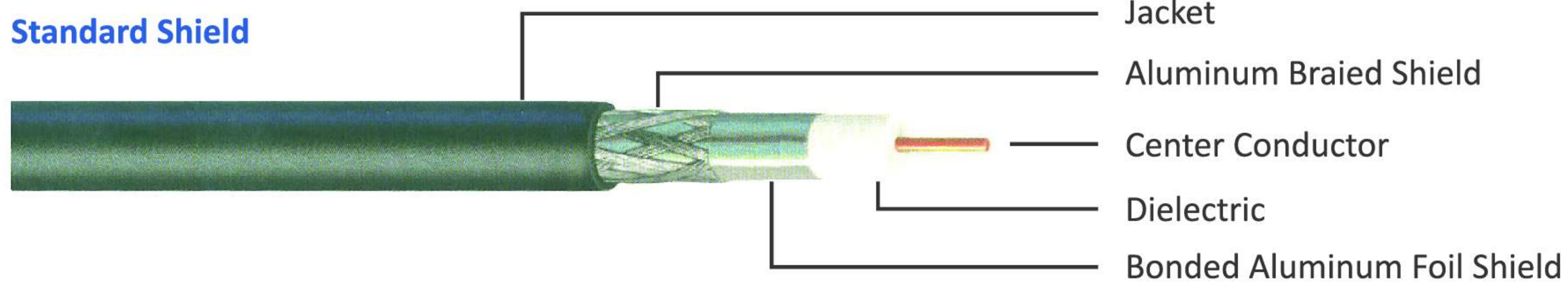
COMPUTER LAN CABLE Page 13

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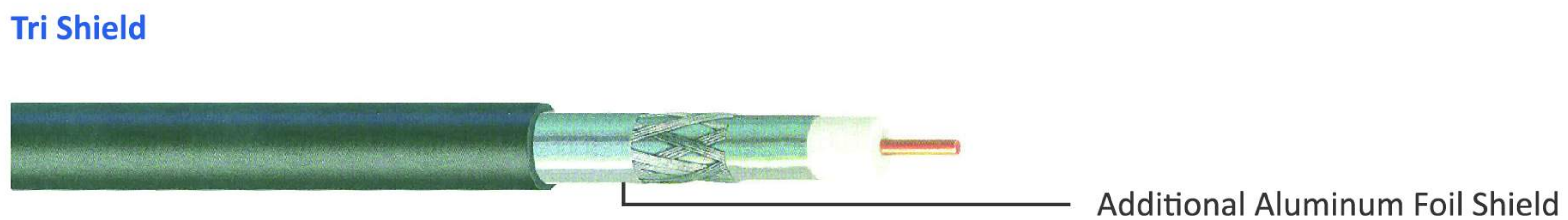


CABLE CONSTRUCTIONS

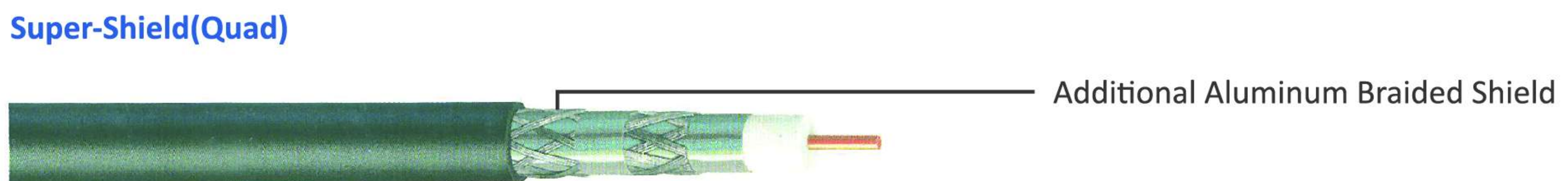
Standard Shield



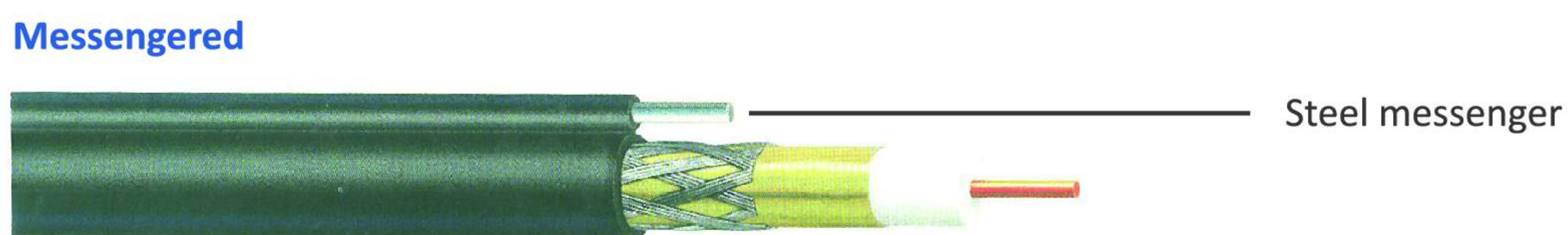
Tri Shield



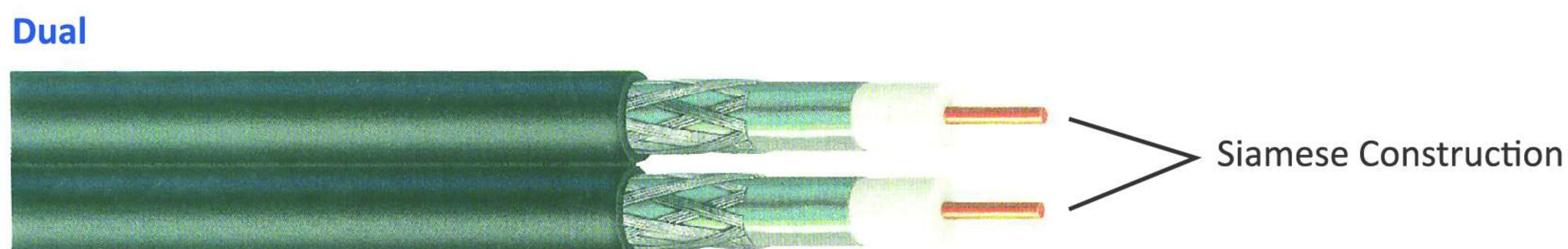
Super-Shield(Quad)



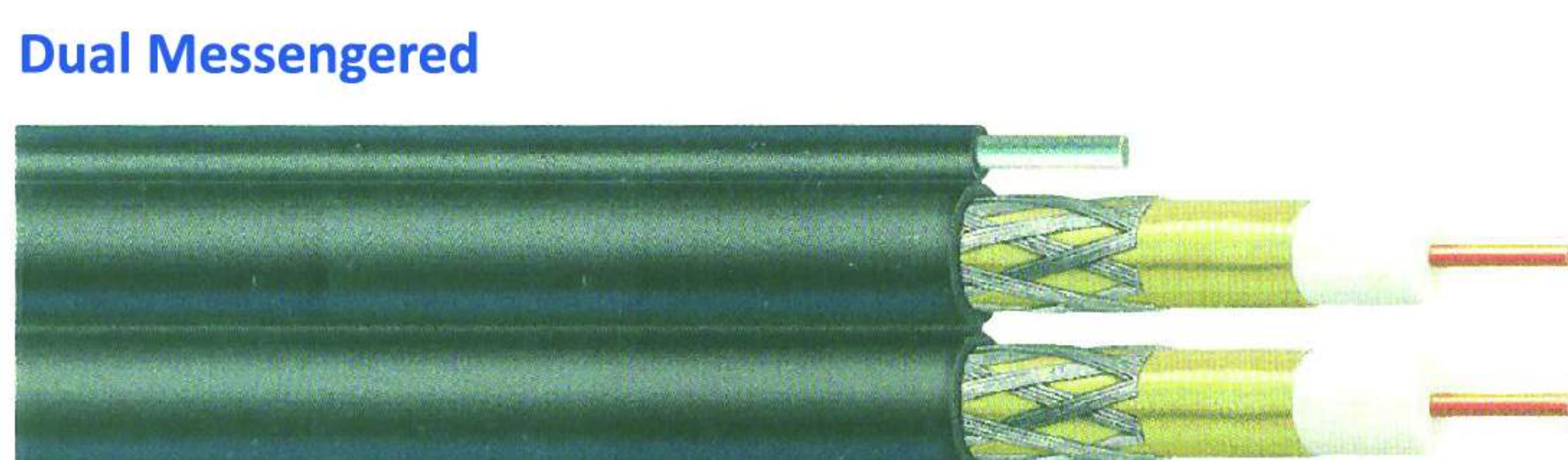
Messengered



Dual



Dual Messengered



MIL SERIES SOLID PE CABLE

Dimensions and construction

Model	RG-58C/U	RG-59B/U	RG-213/U	RG-174/U
Inner conductor(mm)	tinned copper 19*0.18	ccs 0.58	bare copper 7*0.75	bare copper 7*0.16
Dielectric(mm)	solid PE 2.95	solid PE 3.70	solid PE 7.25	solid PE 1.52
Outer conductor	tinned copper	bare copper	bare copper	tinned copper
Braiding coverage	93%	95%	93%	90%
Outer sheath(mm)	PVC 4.95	PVC 6.10	PVC 10.29	PVC 2.79

Electrical performance

Impedance(ohm)		50±2	75±3	50±2	50±2
Ca(pf/m)		101	67	101	101
Velocity Ratio		66%	66%	66%	66%
Return Loss	5-470MHz dB	>20	>20	>20	>20
	470-862MHz dB	>18	>18	>18	>18
	862-2150MHz dB	>16	>16	>16	>16
DC resistance(ohm/km)		35.4	164	5.6	318

Normal attenuation at

Max dB/100m

50MHz dB/100m	11.0	8.5	4.9	19.5
100MHz dB/100m	15.5	11.9	6.5	27.5
300MHz dB/100m	26.8	21.8	11.6	49.5
470MHz dB/100m	33.4	28.3	14.9	69.0
600MHz dB/100m	38.5	31.7	17.0	80.0
860MHz dB/100m	46.4	39.7	20.7	98.0
1000MHz dB/100m	50.5	43.4	22.6	115.0
1350MHz dB/100m	58.7	50.5	26.8	
1750MHz dB/100m	67.3	57.5	31.1	
2150MHz dB/100m	75.1	63.5	35.1	

Mechanical performance

Min pending radius (mm)	50	65	105	30
Max tensile strength (N)	40	80	250	8
Weight(Kg/Km)	35	53	147	14

Minimum installation temperature

-5℃

Operating/storage temperature

-30℃ to+75℃



DROP DISTRIBUTE CABLE

RG59

Model	RG59	RG59CCTV	RG59CCTV+Power
Inner conductor(mm)	bare copper/ccs 0.81	bare copper 0.81	bare copper 0.81
Dielectric(mm)	Foam PE 3.66	Foam PE 3.66	Foam PE 3.66
Shield	AL foil /bonded al foil	AL foil /bonded al foil	-
Outer conductor	tinned copper/bare copper/al wire	bare copper	bare copper/cca
Braiding coverage	40% to 95%	95%	40 % to 95%
Outer sheath(mm)	PVC/PE 5.90	PVC/PE 6.10	PVC/PE 6.10
Power cords	-	-	2X18AWG bare copper/cca

Electrical performance

Impedance(ohm)		75±3	75±3	75±3
Ca(pf/m)		52±2	52±2	52±2
Velocity Ratio		82%	88%	82%
Return Loss	5-470MHz dB	>23	>23	>23
	470-862MHz dB	>20	>20	>20
	862-2150MHz dB	>18	>18	>18
DC resistance(ohm/km)		BC42.8/ccs156	BC42.8/ccs156	BC42.8/ccs156

Normal attenuation at

Max dB/100m

55MHz (Channel 2)	6.73
83MHz (Channel 6)	8.04
187MHz (Channel 9)	11.81
211MHz (Channel 13)	12.47
470MHz dB/100m	18.00
600MHz dB/100m	20.80
860MHz dB/100m	24.90
1000MHz dB/100m	26.90
1350MHz dB/100m	31.50
1750MHz dB/100m	35.80
2150MHz dB/100m	39.70

Mechanical performance

Min pending radius (mm)	30
Max tensile strength (N)	460
Weight(Kg/Km)	24/31



Minimum installation temperature	-5℃	
Operating/storage temperature	PE	-40℃ to+80℃
	pvc	-30℃ to +75℃

★RG59 with power cords can be siamese construction or composed in one Jacket as per customer's request

DROP DISTRIBUTE CABLE

RG6

Model	Standard Shield	Tri Shield	Quad Shield	RG6 CCTV
Inner conductor(mm)	bare copper /CCS 1.02	bare copper /CCS 1.02	bare copper /CCS 1.02	bare copper 1.02
Dielectric(mm)	Foam PE 4.57	Foam PE 4.57	Foam PE 4.57	Foam PE 4.57
First Shield	Bonded al foil	Bonded al foil	Bonded al foil	Bonded al foil
Second Shield	al wire 60%	al wire 60%	al wire 60%	Tinned copper 95%
Tri Shield		APA foil	APA foil	
Quad Shield			al wire 40%	
Outer Sheath(mm)	PVC/PE 6.80	PVC/PE 7.06	PVC/PE 7.52	PVC/PE 6.80-6.90
steel messenger(mm)	Steel 1.30	Steel 1.30	Steel 1.30	Steel 1.30

Electrical performance

Impedance(ohm)		75±3
Ca(pf/m)		52±2
Velocity Ratio		82%
Return Loss	5-470MHz dB	>23
	470-862MHz dB	>20
	862-2150MHz dB	>18
DC resistance(ohm/km)		BC:31/ccs:110

Normal attenuation at Max dB/100m

55MHz (Channel 2)	5.25
83MHz (Channel 6)	6.40
187MHz (Channel 9)	9.35
211MHz (Channel 13)	10.00
470MHz dB/100m	14.95
600MHz dB/100m	16.73
860MHz dB/100m	20.01
1000MHz dB/100m	21.49
1350MHz dB/100m	24.25
1750MHz dB/100m	27.85
2150MHz dB/100m	31.50

Mechanical performance

Min pending radius (mm)	40
Max tensile strength (N)	570
Weight(Kg/Km)	35/45

Minimum installation temperature	-5℃	
Operating/storage temperature	PE	-40℃ to+80℃
	pvc	-30℃ to +75℃

★cable can be design according customer's requirement , braiding shield cover from 40% to 100%
★cable item : S660BV , S690BV , S6TSV , S6QSSV , S660BVM , S690BVM , DUAL cable . APD flooded jelly type S660BVF , S690BVF



DROP DISTRIBUTE CABLE

HANGZHOU SUMLO INDUSTRIAL CO.,LTD

DROP DISTRIBUTE CABLE

RG11

Model	Standard Shield	Tri Shield	Quad Shield	RG11 CCTV
Inner conductor(mm)	bare copper /CCS 1.63	bare copper /CCS 1.63	bare copper /CCS 1.63	bare copper 1.63
Dielectric(mm)	Foam PE 7.11	Foam PE 7.11	Foam PE 7.11	Foam PE 7.11
First Shield	Bonded al foil	Bonded al foil	Bonded al foil	Bonded al foil
Second Shield	al wire 60%	al wire 60%	al wire 60%	TC 95%
Tri Shield		APA foil	APA foil	
Quad Shield			al wire 40%	
Outer sheath(mm)	PVC/PE 10.03	PVC/PE 10.15	PVC/PE 10.30	PVC/PE 10.30
Steel messenger(mm)	Steel 1.83	Steel 1.83	Steel 1.83	Steel 1.83

Electrical performance

Impedance(ohm)		75±3
Ca(pf/m)		52±2
Velocity Ratio		82%
Return Loss	5-470MHz dB	>23
	470-862MHz dB	>20
	862-2150MHz dB	>18
DC resistance(ohm/km)		BC:20.5/ccs:46.1

Normal attenuation at

Max dB/100m

55MHz (Channel 2)	3.15
83MHz (Channel 6)	3.87
187MHz (Channel 9)	5.74
211MHz (Channel 13)	6.23
470MHz dB/100m	9.30
600MHz dB/100m	10.43
860MHz dB/100m	13.05
1000MHz dB/100m	14.27
1350MHz dB/100m	16.50
1750MHz dB/100m	18.75
2150MHz dB/100m	20.50



Mechanical performance

Min pending radius (mm)	50
Max tensile strength (N)	1000
Weight(Kg/Km)	80/90

Minimum installation temperature	-5 °C	
Operating/storage temperature	PE	-40 °C to+80 °C
	pvc	-30 °C to +75 °C

★cable can be design according customer's requirement , braiding shield cover from 40% to 100%
 ★cable item : S1160BV , S1190BV , S11TSV , S11QSSV , S1160BVM , S1190BVM , DUAL cable . APD flooded jelly type S1160BVF , S1190BVF

DROP TRUNK LINE CABLE

Model	500	540	750	RG15
Inner conductor(mm)	CCAL 2.77	CCAL 3.15	CCAL 4.24	CCAL 2.77
Dielectric(mm)	Foam PE 11.43	Foam PE 13.03	Foam PE 17.27	Foam PE 11.50
Outer Conductor(mm)	AL tube 12.70	AL tube 13.72	AL tube 19.05	Bonded AL Foil 40%-95% AL wire braiding
Outer sheath(mm)	PE 14.22	PE 15.30	PE 20.83	PVC/PE 15.0
Steel messenger(mm)	2.77	2.77	4.78	2.77

Electrical performance

Impedance(ohm)		75±3	75±3	75±3	75±3
Ca(pf/m)		50±3	50±3	50±3	50±3
Velocity Ratio		88%	88%	88%	88%
Return Loss	5-470MHz dB	>23	>23	>23	>23
	470-862MHz dB	>18	>18	>18	>18
	862-2150MHz dB	>16	>16	>16	>16
Weight(Kg/Km)		141	175	296	155

Normal attenuation at

Max dB/100m

50MHz	1.69	1.44	1.15	1.69
100MHz	2.42	2.09	1.71	2.42
200MHz	3.48	3.04	2.40	3.48
300MHz	4.32	3.71	2.92	4.32
400MHz	5.04	4.33	3.45	5.04
450MHz	5.37	4.59	3.67	5.37
500MHz	5.69	4.89	3.87	5.69
550MHz	5.99	5.12	4.07	5.99
600MHz	6.28	5.38	4.30	6.28
650MHz	6.56	5.65	4.50	6.56
750MHz	7.10	6.07	4.86	7.10
850MHz	7.61	6.51	5.30	7.61
1000MHz	8.34	7.12	5.72	8.34



Minimum installation temperature

-5℃

Operating/storage temperature

-30℃ to+75℃

Model	17VATC	19VATC	21VATCA	KX6	KX8
Inner conductor(mm)	bare copper 1.13	bare copper 1.02	CCS 1.00	bare copper 7*0.20	bare copper 7*0.40
Dielectric(mm)	Foam PE 4.80	Foam PE 4.60	Foam PE 4.60	Solid PE 3.70	Solid PE 7.25
First Shield	al foil	al foil	al foil		
Outer Conductor	al wire PET foil	al wire PET foil	al wire PET foil	Bare copper 85% PET foil	Bare copper 85% PET foil
Outer Sheath(mm)	PVC 6.90	PVC 6.80	PVC 6.80	PVC(green) 6.10	PVC(green) 10.30

Electrical performance

Impedance(ohm)	75±3	75±3	75±3	75±3	75±3
Ca(pf/m)	52±2	52±2	52±2	67±2	67±2
Velocity Ratio	84%	82%	82%	66%	66%
Return Loss	5-470MHz dB	>23	>23	>23	>20
	470-862MHz dB	>20	>20	>20	18
	862-2150MHz dB	>18	>18	>18	16
DC resistance(ohm/km)	36	40	115	88	22

Normal attenuation at

Max dB/100m

47MHz	4.30	4.80	4.85	8.1	4.5
100MHz	5.80	6.50	6.55	13.0	8.5
230MHz	8.65	9.40	9.45	19.3	11.3
300MHz	9.70	10.70	10.75	20.5	11.7
400MHz	11.30	12.30	12.35	22.5	12.8
800MHz	16.50	18.00	18.50	34.5	20.9
860MHz	17.40	18.40	19.00	34.9	21.4
1000MHz	19.00	20.00	21.00	45.0	25.8
1350MHz	22.50	23.50	24.50		28.5
1750MHz	25.80	26.80	27.80		32.5
2150MHz	29.50	30.00	31.50		35.7

Mechanical performance

Min pending radius (mm)	40	40	45	35	55
Max tensile strength (N)	570	570	600	35	50
Weight(Kg/Km)	35/45	35/45	40/45	48	157

Minimum installation temperature	-5℃	
Operating/storage temperature	PE	-40℃ to +80℃
	pvc	-30℃ to +75℃

BT SERIES COMMUNICATION CABLE

SGS C E ISO9001:2008 RoHS COMPLIANT

Model	BT2002	BT2003	BT3002
Inner conductor(mm)	bare copper 7*0.20	bare copper 0.61	bare copper 0.31
Dielectric(mm)	Foam PE/ Solid PE 2.45	Foam PE/ Solid PE 3.70	Solid PE 1.95
Outer Conductor	AL/Foil/- 2*tinned copper braiding 90%	AL Foil/- 2*tinned copper braiding 90%	- 2*tinned copper braiding 90%
Outer Sheath(mm)	PVC 5.10	PVC 6.25	PVC 3.55

Electrical performance

Impedance(ohm)		75±4	75±4	75±4
Ca(pf/m)		56	68	66
Velocity Ratio		67%	67%	67%
Return Loss	5-470MHz dB	>20	>20	>20
	470-862MHz dB	>20	>20	>20
	862-2150MHz dB	>17	>17	>17
DC resistance(ohm/km)		95	136	236

Normal attenuation at

Max dB/100m

1MHz	1.26	1.00	2.10
2MHz	1.85	1.45	2.90
5MHz	3.00	2.40	4.65
10MHz	4.20	3.30	6.60
20MHz	6.00	4.75	9.30
50MHz	9.60	7.60	14.50
100MHz	13.8	10.9	10.90

Mechanical performance

Min pending radius (mm)	25	34	25
Max tensile strength (N)	350	500	40
Weight(Kg/Km)	35	45	24

Minimum installation temperature

-5 °C

Operating/storage temperature

-30 °C to+75 °C



★BT2002 , BT2003 , BT3002 Cable , 8 cores and 16 core are also available.

50 OHM CABLE LMR SERIES

HANGZHOU SUMLO INDUSTRIAL CO.,LTD

50 OHM CABLE LMR SERIES

Model	100A	195	200	240	300	400	500	600
Inner conductor (mm)	Copper/CCAL 0.46	Copper/CCAL 0.94	Copper/CCAL 1.12	Copper/CCAL 1.42	Copper/CCAL 1.78	Copper/CCAL 2.74	Copper/CCAL 3.61	Copper/CCAL 4.47
Insulation (mm)	Foam PE 1.52	Foam PE 2.8	Foam PE 2.95	Foam PE 3.40	Foam PE 4.50	Foam PE 7.25	Foam PE 9.4	Foam PE 11.56
Out conductor (mm)	Bonded al foil tinned copper 95%	Bonded al foil tinned copper 95%	Bonded al foil tinned copper 95%	Bonded al foil tinned copper 95%	Bonded al foil tinned copper 95%	Bonded al foil tinned copper 93%	Bonded al foil tinned copper 93%	Bonded al foil tinned copper 93%
Jacket(mm)	PVC/PE 2.79	PVC/PE 4.95	PVC/PE 4.95	PVC/PE 6.1	PVC/PE 7.62	PVC/PE 10.29	PVC/PE 12.7	PVC/PE 14.99

Electrical performance		100A	195	200	240	300	400	500	600
Model									
Impedance(Ω)		50±3							
Min Bending Ra(mm)		6.4	12.7	12.7	19.1	22.2	25.4	31.8	38.1
Operating Temperature(℃)		-30℃ to+75℃							
Install Temperature(℃)		-30℃ to+75℃							
Weight(Kg/Km)		20	30	30	50	80	100	140	200
D.C(Ω/KM)	Inner Conductor	26.60	24.94	17.59	10.50	6.96	4.56	2.69	1.74
	Out Conductor	31.20	16.08	16.08	12.76	7.25	5.41	4.17	3.94
Insulation Impedance(mΩ/KM)		5000							
Insulation Power(kv)		1.6							
v/p(%)		66	80	83	84	85	85	86	87
Average power(kw)		0.6	2.5	2.5	5.6	10.0	16.0	22.0	40.0
Moding frequency(GHZ)		90.0	41.0	39.0	31.0	24.5	16.2	12.6	10.3
VDC		500	1000	1000	1500	2000	2500	3000	4000
CaPacitance(pf/m)		101	83	80	79	78.4	78	77	76
Inductance(μh/m)		0.25	0.21	0.20	0.20	0.20	0.20	0.19	0.19
Shielding		≥90dB							
Return Loss (dB)		≥20							

attenuation(within 20℃)and Average Power
(Condition :entironment temperature 40℃ ,inner Conductor temperature 100℃)

Model		100A	195	200	240	300	400	500	600
Attenuation (dB/100m)	30MHz	12.9	6.5	5.8	4.4	3.5	2.2	1.8	1.4
	50MHz	16.7	8.4	7.5	5.7	4.5	2.9	2.3	1.8
	100MHz	23.8	12	10.8	8.2	6.5	4.3	3.4	2.8
	150MHz	29.4	14.6	13.1	9.9	7.9	5.0	4.0	3.2
	220MHz	35.8	17.7	15.9	12.0	9.6	6.1	4.9	3.9
	450MHz	51.9	25.5	22.8	17.3	13.8	8.9	7.1	5.6
	900MHz	74.9	36.5	32.6	24.8	19.9	12.8	10.3	8.2
	1500MHz	98.7	47.7	42.4	32.4	26	16.8	13.6	10.9
	1800MHz	109	52.5	46.6	35.6	28.7	18.6	15.0	12.1
	2000MHz	115.5	55.4	49.3	37.7	30.3	19.6	15.9	12.8
	2500MHz	130.6	62.4	55.4	42.4	34.2	22.2	18.0	14.5
	3000MHz	143.8	68.9	61.3	47.1	38.2	25.0	20.4	16.6

50 OHM CABLE DFB SERIES

SGS C E ISO9001:2008 RoHS COMPLIANT

Material And Size

Model	12D-FB	10D-FB	8D-FB	7D-FB	5D-FB	RG8
Inner conductor (mm)	copper/CCAL 4.40	copper/CCAL 3.50	copper/CCAL 2.80	copper/CCAL 2.60	copper/CCAL 1.80	copper/CCAL 2.74
Insulation (mm)	Foam PE 12.40	Foam PE 10.00	Foam PE 7.80	Foam PE 7.30	Foam PE 5.00	Foam PE 7.30
Out Conductor (mm)	Bonded al foil tinned copper 95%	Bonded al foil tinned copper 95%	Bonded al foil tinned copper 95%	Bonded al foil tinned copper 95%	Bonded al foil tinned copper 95%	Bonded al foil tinned copper 93%
Jacket(mm)	PVC/PE 15.60	PVC/PE 13.00	PVC/PE 10.40	PVC/PE 9.80	PVC/PE 7.50	PVC/PE 10.29

Electrical Characteristics

Model		12D-FB	10D-FB	8D-FB	7D-FB	5D-FB	RG8
Attenuation (20℃) (dB/100M)	100MHz	2.60	3.20	4.30	4.40	6.30	4.40
	150MHz	3.40	4.10	4.90	5.30	7.60	5.24
	280MHz	4.70	5.60	7.00	7.30	10.90	7.16
	350MHz	5.30	6.30	8.10	8.30	12.10	8.03
	400MHz	5.80	6.90	8.80	9.10	13.00	8.62
	800MHz	8.50	10.20	13.10	13.00	19.00	12.47
	900MHz	9.20	11.10	14.00	14.30	20.40	13.44
	1200MHz	10.90	13.40	16.70	17.00	24.20	15.60
	1500MHz	12.30	15.30	19.20	19.70	27.50	17.63
	1900MHz	14.30	17.70	22.20	22.90	31.80	19.40
	2000MHz	14.70	18.20	22.60	23.40	32.90	21.00
	2200MHz	15.0	18.90	23.90	24.30	33.60	21.80
	2500MHz	16.70	20.60	25.80	25.30	35.70	22.80
	3000MHz	22.50	22.50	28.40	29.40	40.90	25.70
Inner Conducutor Resistance Ω/KM		1.16	1.83	2.86	3.31	7.05	4.56
Insulation Resistance Ω/KM		5000					
Voltage Withstand (AC V/MIN.)		1000					
Characteridtic Impedance Ω		50±2					
Echo Loss dB	VHF	20					
	UHF	18					
Capacitance		82±2	82±2	82±2	82±2	82±2	78
Velocity of Propagation(%)		81	81	81	81	81	85
Operationg Temp Range(℃)		-30℃ to+75℃					



COMPUTER LAN CABLE

UTP CAT5 CABLE

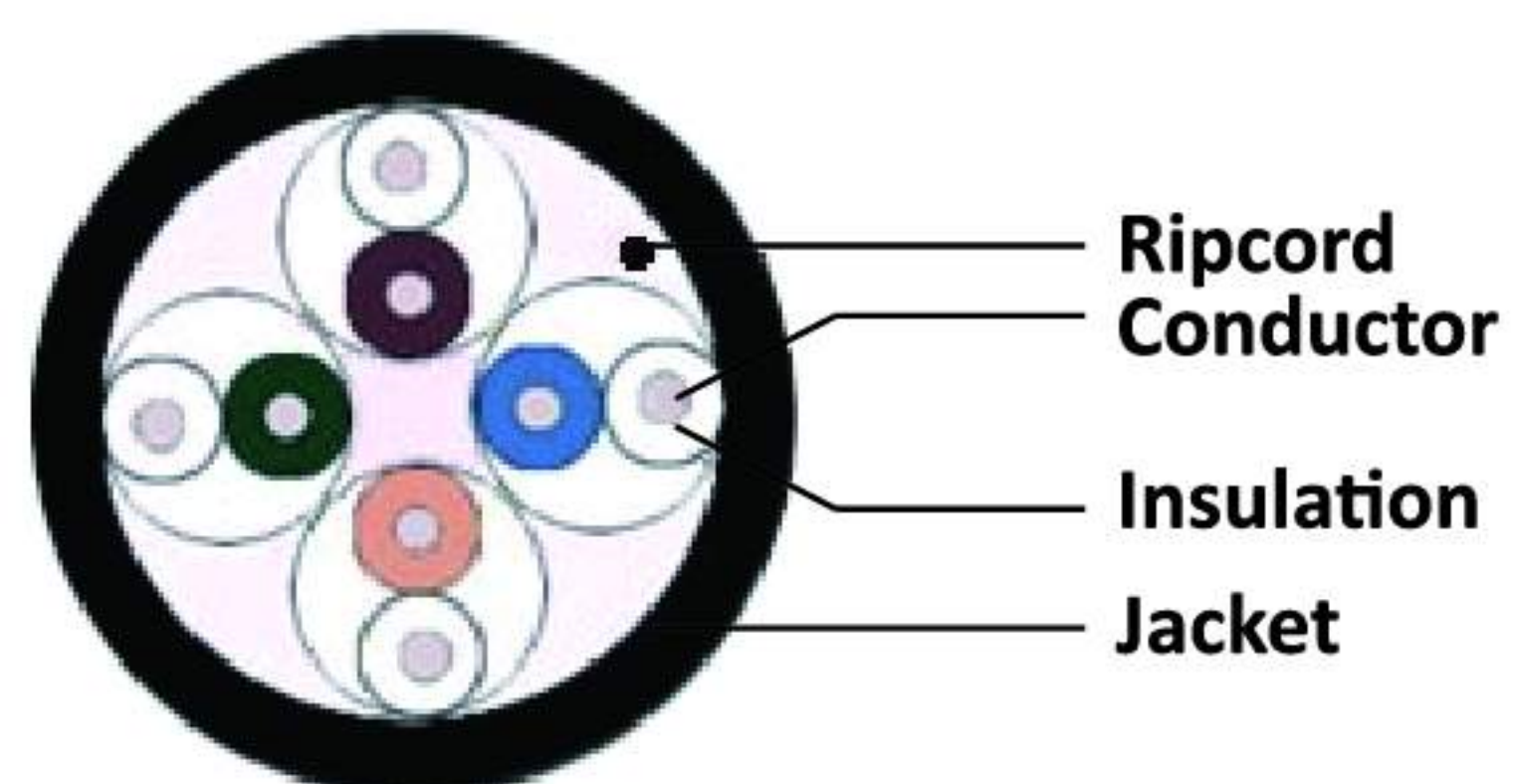
Description :

Structure :24AWG Bare Solid copper / or CCA conductor,HDPE insulation,FRPVC/LSOH/PVC or PE jacket

Standards :ISO /IEC11801,ANSI/TIA/EIA-568A

Application :used as work-station outlet to the FD/IDF and other horizontal cabling, supporting TP-PMD Audio,integrated Service digital network (ISDN) , ATM155Mbps , 100mbps TPDDI, Fast Ethernet etc.

Packing:1000ft / easy pull box



Feature

Frequency Mhz	Impedance Ohm	Return Loss dB	Attenuation dB/100m	Next dB	Acr dB	Eifext dB
0.772	100±15	16.7	1.8	64.0	64.0	63.0
1.0		17.0	2.1	62.3	62.3	60.8
4.0		18.8	4.3	53.3	53.3	48.7
8.0		19.7	5.9	48.8	48.8	42.7
10.0		20.0	6.6	47.3	47.3	40.8
16.0		20.0	8.2	44.3	44.3	36.7
20.0		20.0	9.2	42.8	42.8	34.7
25.0		19.3	10.5	41.3	41.3	32.8
31.25		18.6	11.8	39.9	39.9	30.9
62.5		16.5	17.1	35.4	35.4	24.8
100		15.1	22.0	32.3	32.3	20.8
155		14.0	28.1	29.5	29.5	19.0

UTP CAT6 CABLE

Description :

Structure :23AWG Bare Solid copper,HDPE

Insulation FRPVC/LSOH PVC jacket

Standards :ISO /IEC11801 ,ANSI/TIA/EIA-568A

Application :supporting TP-PMD Audio,

ISDN,ATM155Mbps&Atm,

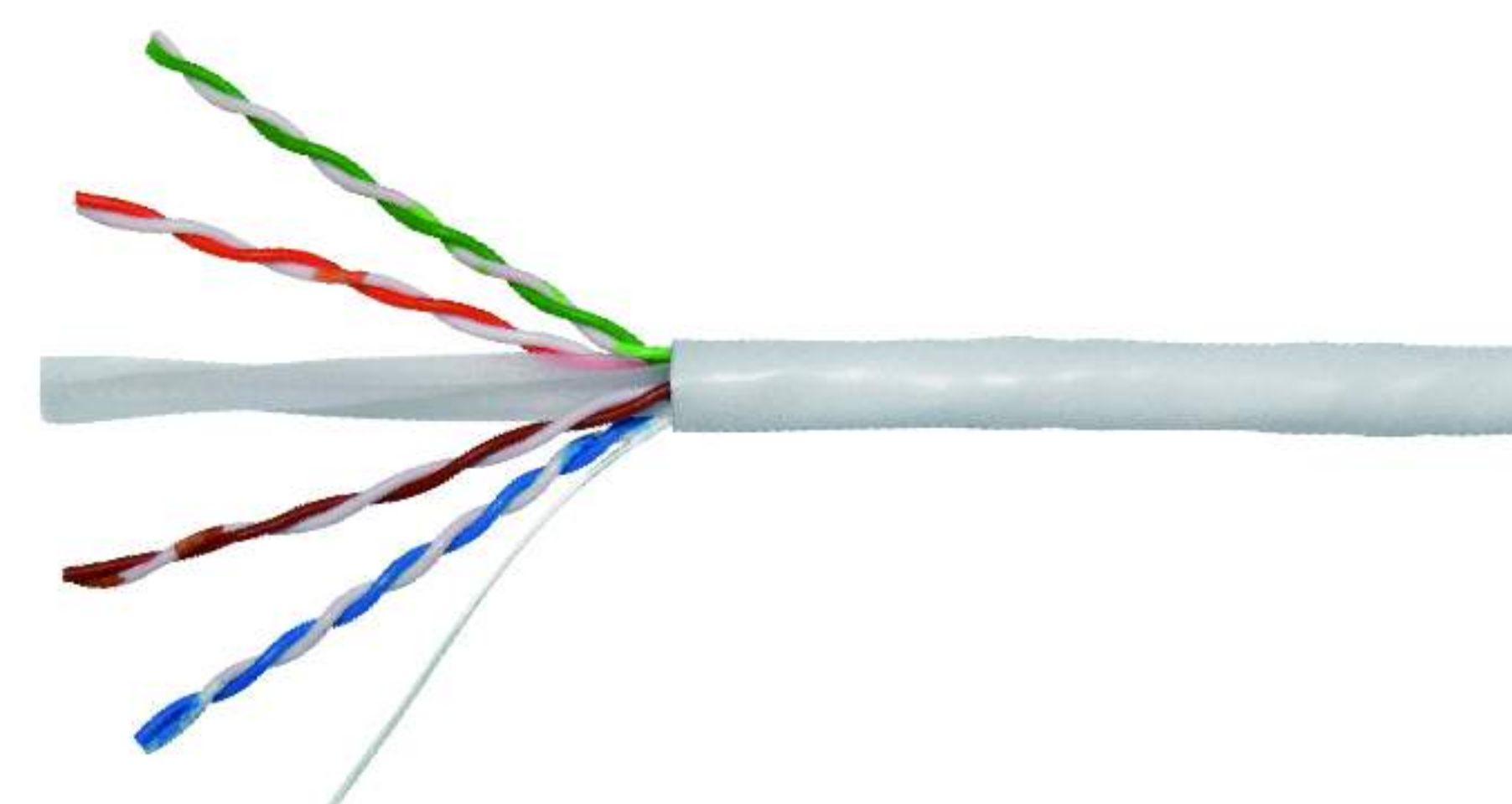
622Mbps,100MbpsTPDDI,Kilomega ethernet

packing:1000ft /easy pull box

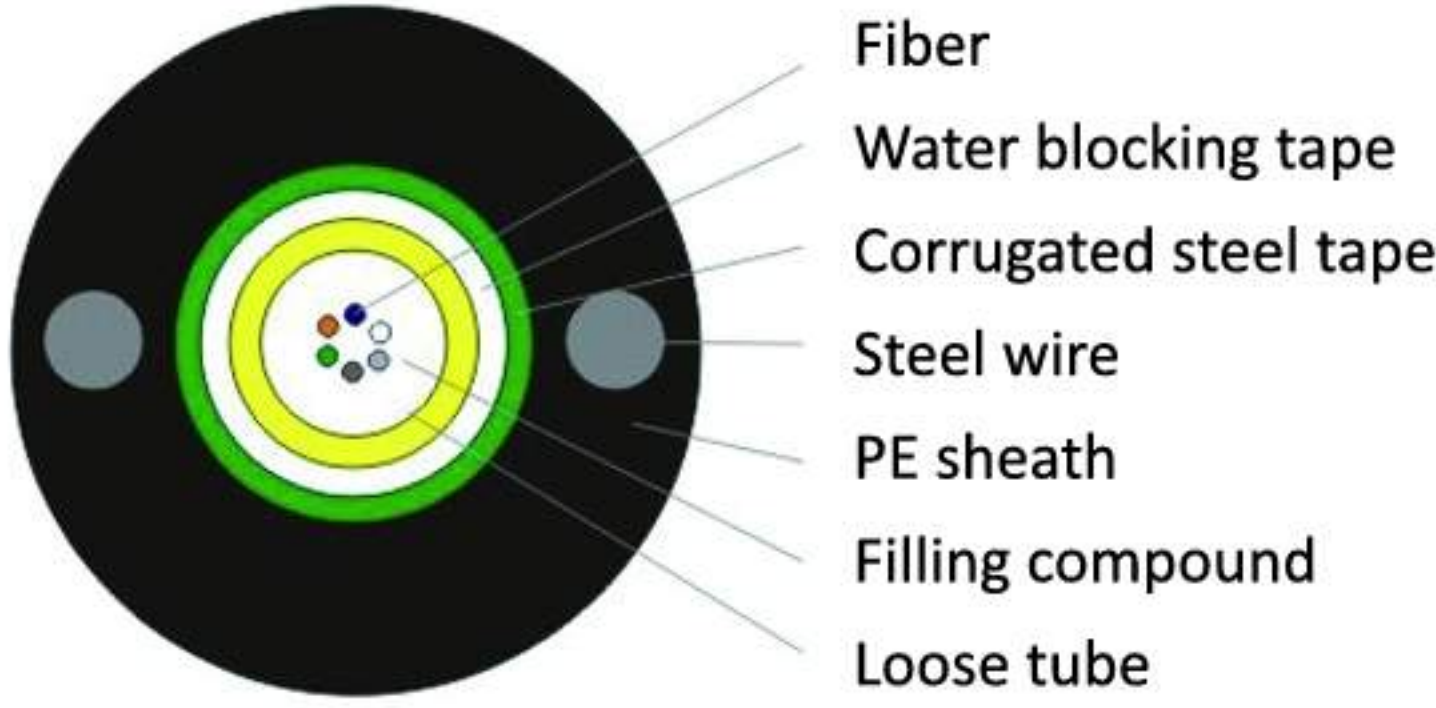
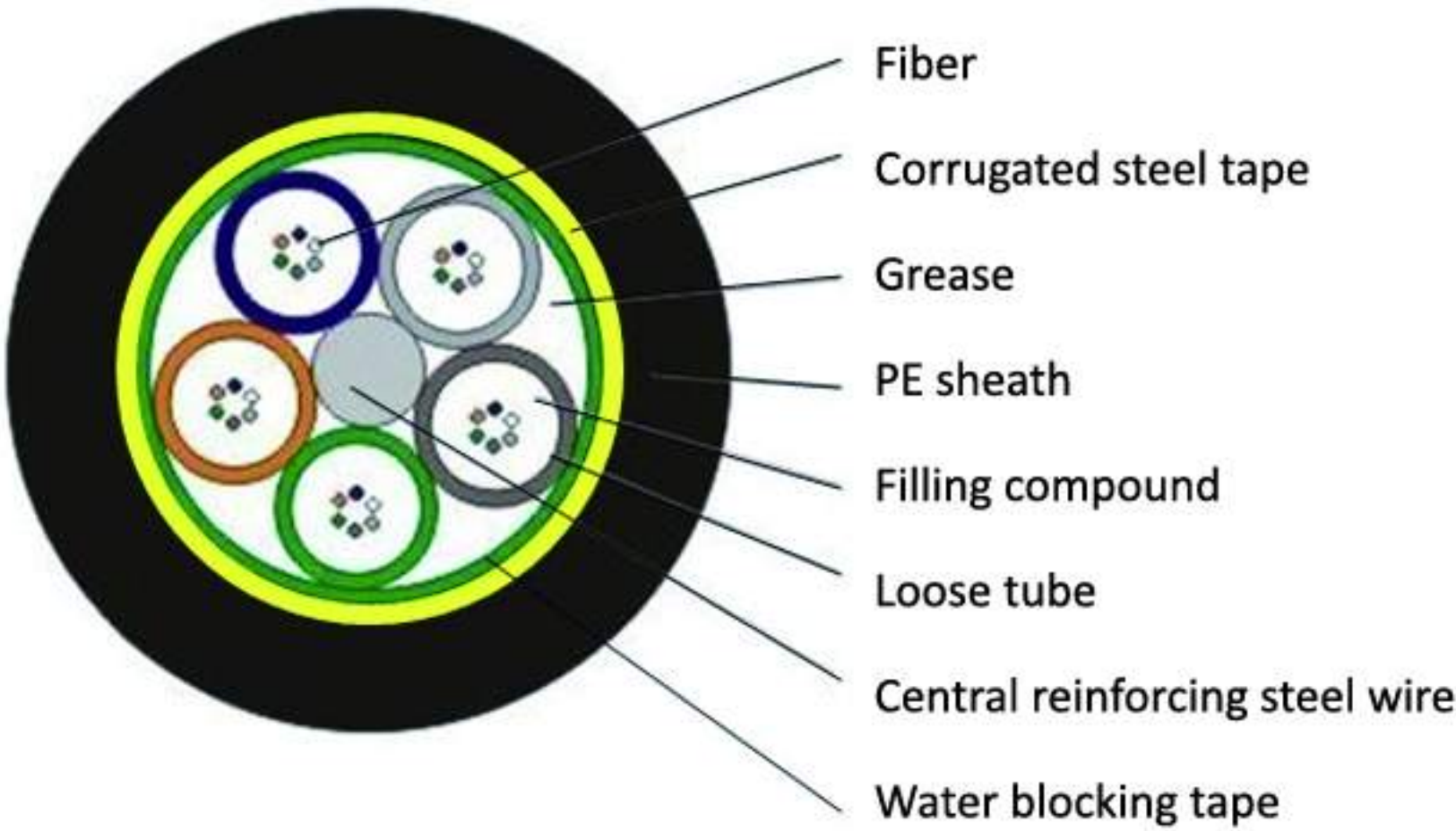
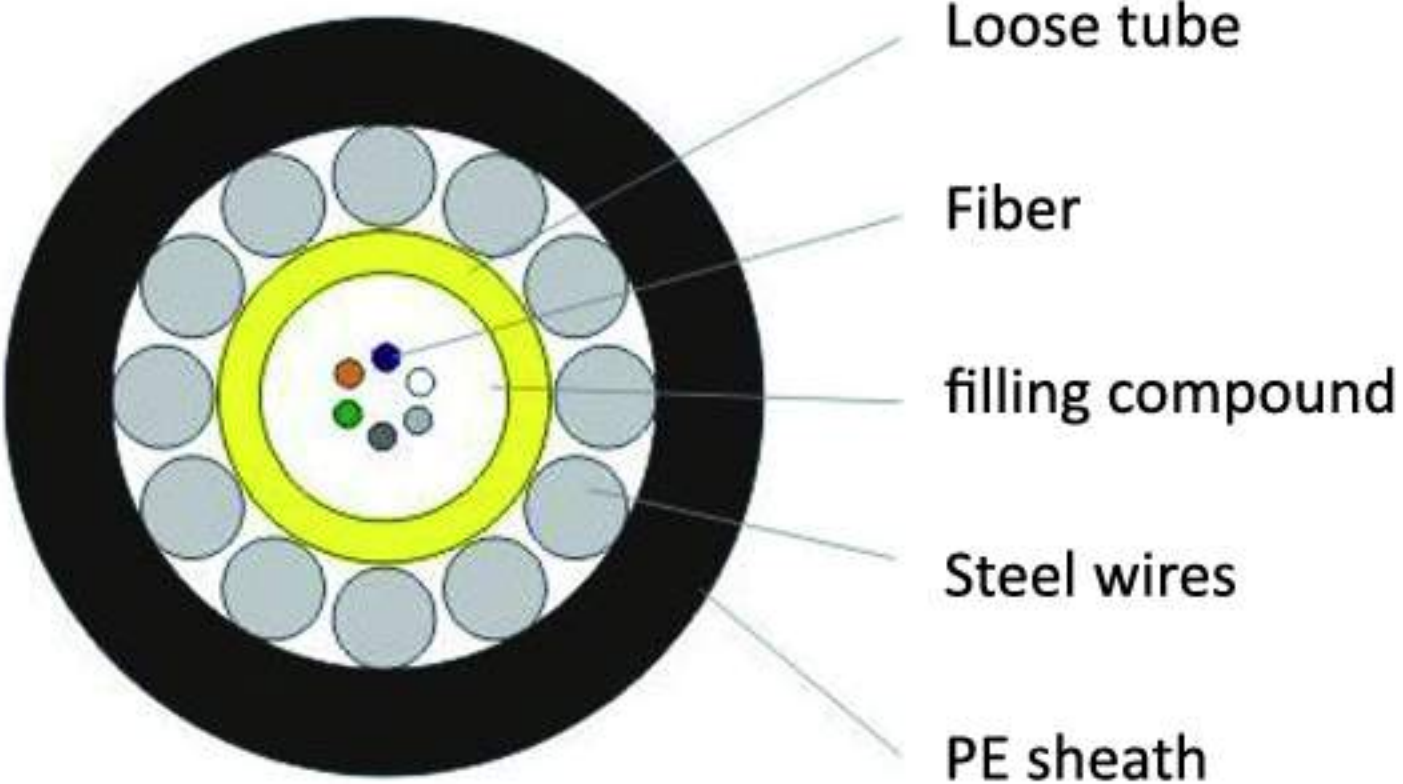


Feature

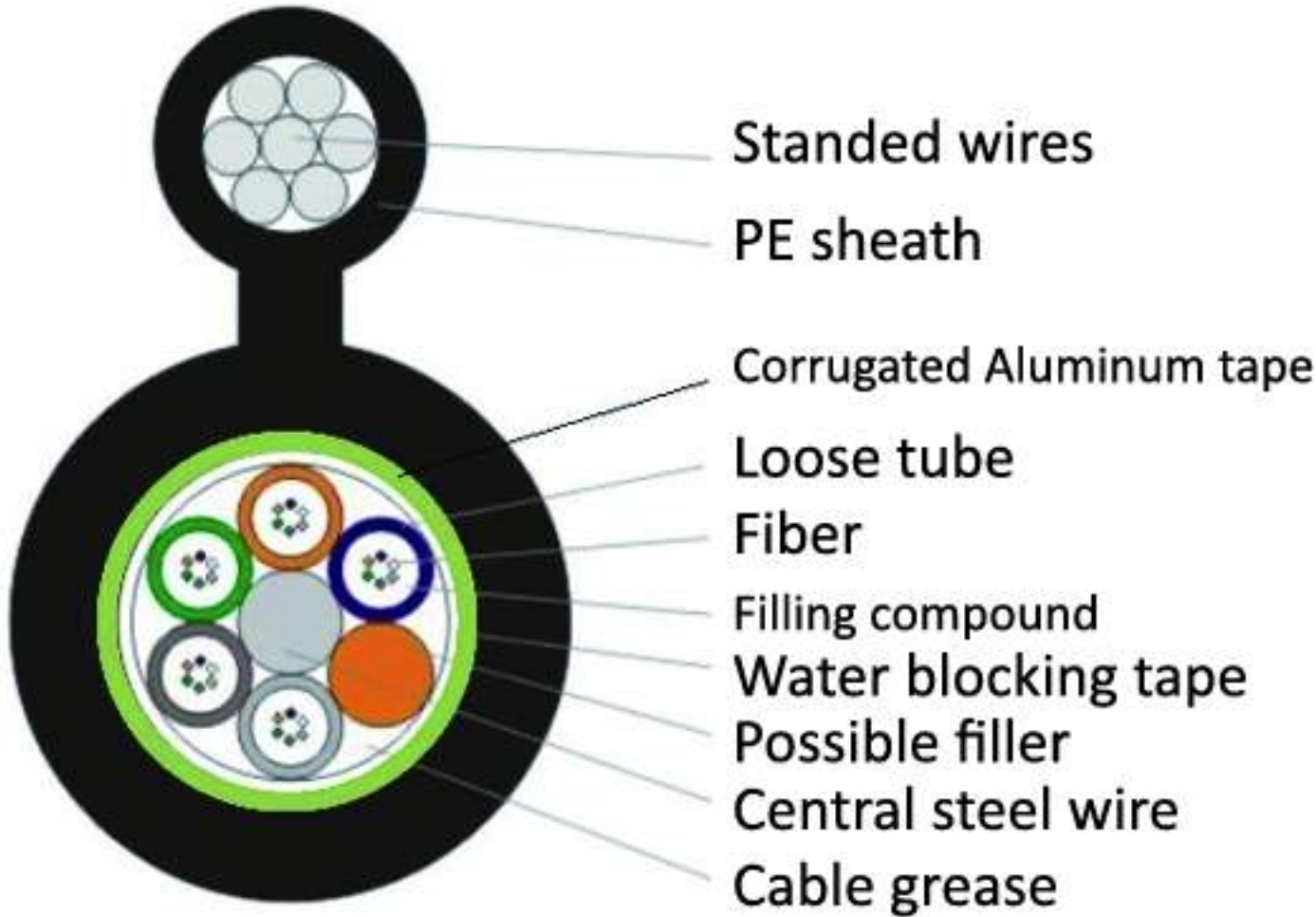
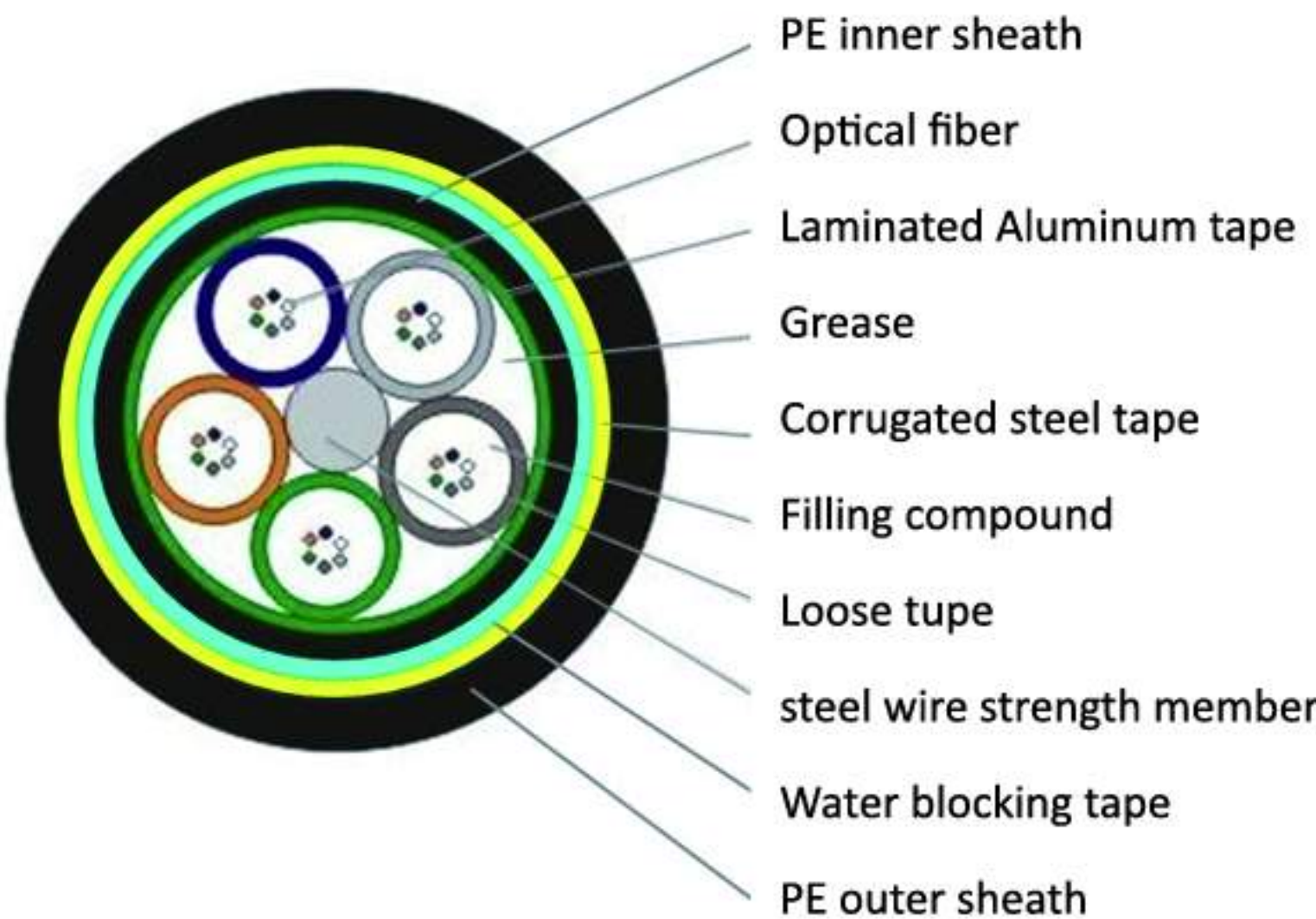
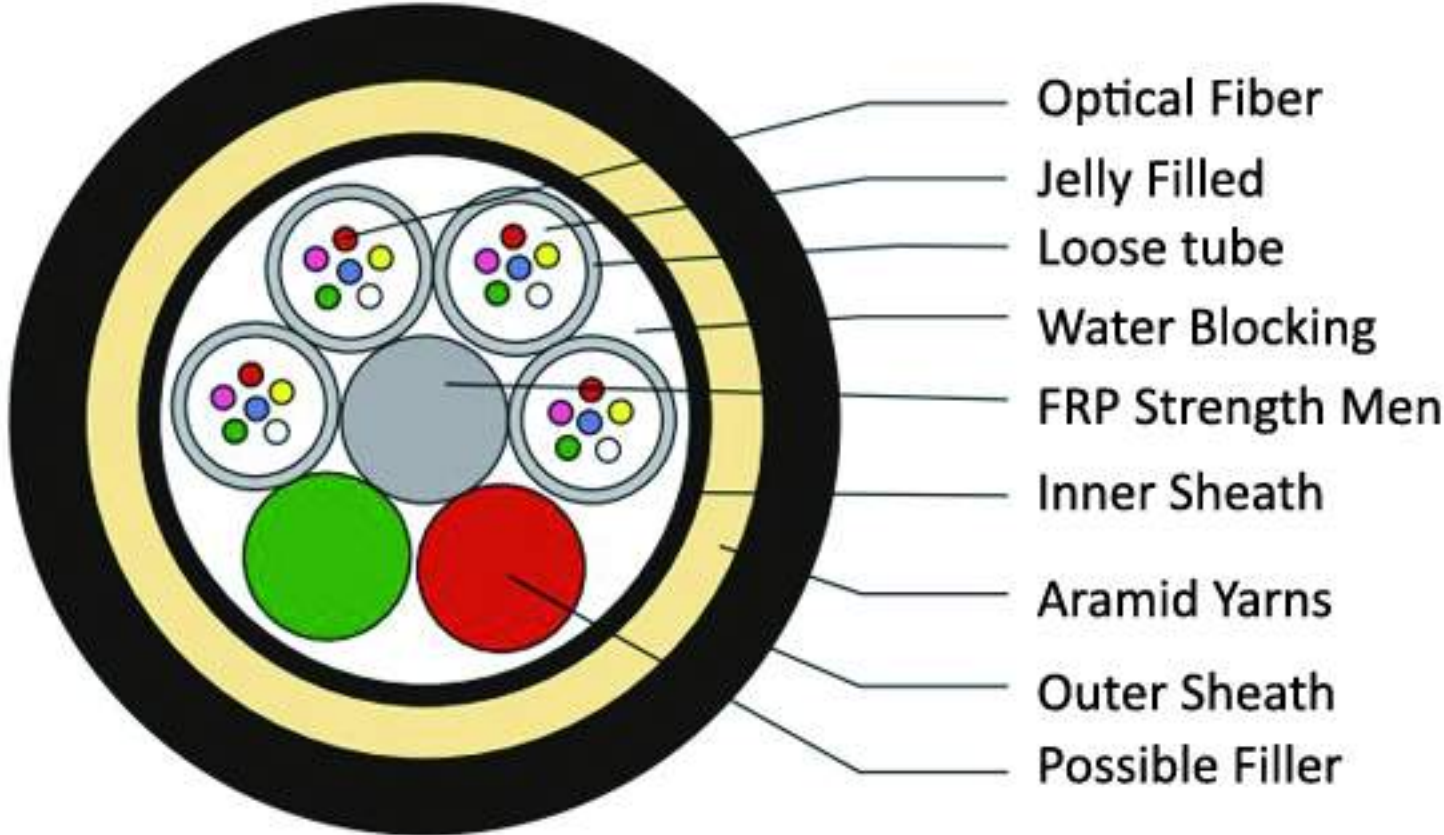
Frequency Mhz	Impedance Ohm	Return Loss dB	Attenuation dB/100m	Next dB	Acr dB	Eifext dB
1.0	100±15	20	2	74.3	72.3	67.8
4.0		23	3.8	65.3	61.5	55.7
8.0		24.5	5.4	60.8	55.4	49.7
10.0		25	6	59.3	53.3	47.8
16.0		25	7.6	56.3	48.7	43.7
20.0		25	8.5	54.8	46.3	41.7
25.0		24.3	9.6	53.3	43.7	39.8
31.25		23.6	10.7	51.9	41.2	37.9
62.5		21.5	15.5	47.4	31.9	31.8
100		20.1	19.9	44.3	24.4	27.8
155		18.8	25.3	41.5	16.2	23.9
200		18	29.2	39.8	10.6	21.7



OPTICAL FIBER CABLE

TYPE	GYXTW	GYSTS	GYXTY
Feature	Central tube type , Specially designed armoured steel tape protected,two parallel steel wires ensure tensile strength communication - strong cable	Stranded fiber cable,metallic central strength member,armoured steel/Aluminum tape protect,Multiple Water-blocking	Central tube type , Compactly designed packets around 12 round wire strands or plastic shield Excellent crush resistance , high mechanical strength
Application	Duct / direct Buried / Aerial Outdoor	Duct / Aerial Outdoor	Aerial Outdoor
Construction			
No.of fiber	2-12	4-144	2-12
Outerdia	7.5-8.5	9.6-15.6	7.0-8.0
No.of steelwire x diameter	2x1.5	1x1.6 / 1x2.0 / 1x2.3	9x0.8/12x1.0
Tensile strengthresistance	≥1500	≥1500	≥1500
S.P.resistance	≥1000	≥1000	≥1000
Crusit resistance	5N.mx5times	5N.mx5times	5N.mx5times
Permissible bending radius	20times as outer dia . of fiber cable	20times as outer dia of fiber cable	20times as outer dia . of fiber cable
Temperature	-40℃~+60℃	-40℃~+60℃	-40℃~+60℃
Loss	lossof fibler cable ≤0.3dB/2km	lossof fibler cable a≤0.3dB/2km	of fibler cable ≤0.3dB/2km
Weight	80-200kg/km	180-400kg/km	100-140kg/km
Longitudinalwaterproof	No water for 3m samples in 1m water for 24h	No water seepage for 3m samples in 1m water head for 24h	No water for 3m samples in 1m water for 24h
Advantage	Light weight , low price , suitablefor overhead , ductlaying	suitalbe for multi-core arbitrary combination,dead weight is light , easy to manage duct laying .	Light weight , lowprice , anticorrosive have bullet-prooffunction,suitable for overhead laying

★Fiber coil is from CORNING , single mode G652 / G 657 , Multi mode G651
★Other type :GYSTA 、 GYSTY 、 GYSTS 、 GYXTY 、 GYXTS , and so on.

GYTC8A	GYSTA53	ADSS
Stranded type ,Fig.8 fiber cable metallic central strength member , Armoured Aluminum tape ensure a good protection	Loose tube stranded type , metallic central strength member cable protected by Aluminum tape, armoured steel tape with the Double PE Sheath .	Loose tube type , FRP Central strength member Double Sheath , Aramid Yarns ,All-dielectric,Long cross Distance self-supporting Fiber cable .
Aerial	Direct burial	Aerial
		
2-144	2-144	2-144
9.6-18.8	12.9-20.3	10.5-15.0
1x2.3	1x2.3	Non metal FRP 1x2.3
≥7000	≥3000	≥14500
≥1000	≥3000	≥1500
5N.mx5times	10N.mx10times	25N.mx5 times
20times as outer dia . of fiber cable	20times as outer dia . of fiber cable	20times as outer dia of fiber cable
-40℃~+60℃	-40℃~+60℃	-40℃~+60℃
loss of fibler cable a≤0.3dB/2km	loss of fibler cable ≤0.3dB/2km	loss of fibler cable a≤0.3dB/2km
180-440kg/km	240-500kg/km	120-200kg/km
No water seepage for 3m samples in 1m water for 24h	No water for 3m samples in 1m water for 24h	No water seepage for 3m samples in 1m water for 24h
suitable for overhead laying as pole -to -pole or pole -to -premises.	suitable for multi-cor arbitrary combination ,resistance to side pressure,better waterproof,easy to manage underground laying	self-supporting,suitable for overhead installation as pole -to-pole or pole-to -premises Kevlar aramid yam suit for longtime distance installation.

★Fiber coil is from CORNING,single mode G652 / G 657, Multi mode G651
★Other type :GYTY53,GYFTY53,GYFTA53,GYTC8Y,GYTC8A53,GYTC8Y,GYFTC8Y,GYXTC8S,GYXYC8Y,GYTC8S



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Sumlo-2013



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