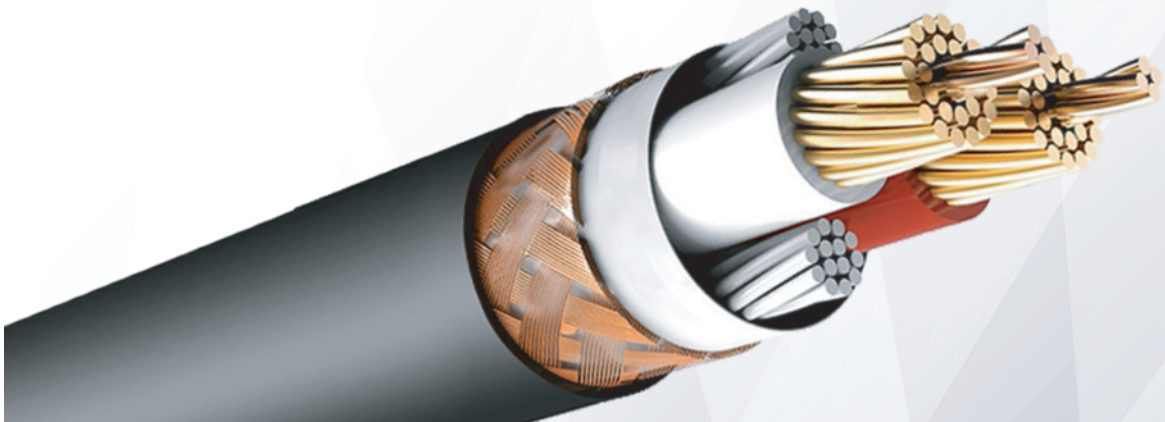
Cable Product Catalogue 2022 – 2023



COSMICONN

COSMICONN

Brand Introduction

COSMICONN is a wholly-owned associate brand of Seetronic focusing on the research, development, production and sales of high-end cable products based on Seetronic's brand positioning.

COSMICONN introduces international advanced production equipment and professional technical personnel including world-class test equipment AP audio tester to ensure the perfect quality of COSMICONN cable products.

COSMICONN guarantees and promised a unique advantage in the cable manufacturing industry because Seetronic is deeply rooted in the long-term accumulation and build-up of connectors. Thus, we understand better the real ideas of customers, the practical application of premade cables and the extraordinary significance of connectivity.

What do we do about environmental protection?

With the enhancement of human environmental awareness and people's attention to their own health, environmental issues have become the focus of human society, and many countries, regions and organizations have formulated strict standards and regulations to restrict the use of harmful substances, especially RoHS and REACH regulations. We at Seetronic promise that the plastics used in the cables are fully compliant with RoHS

COMPLIANT · COMPLIANT
REACH

AcBel Polytech Inc.
Green Product
RoHS

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What is the difference between a professional speaker cable and a power cord?

There are definitely differences, in terms of electrical properties and mechanical properties, there are subtle differences in material selection and structural design.

Copper Wire Purity

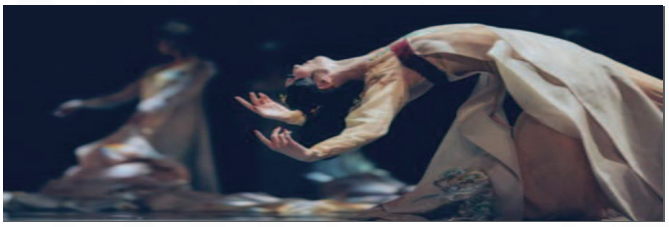
Professional speaker cables require reduced transmission attenuation, small resistance, full bass and beautiful treble which requires higher purity of copper wire. The speaker cable usually use oxygen-free copper (OFC) and copper purity is not less than 99.96%. The oxygen content is not more than 50ppm and the power line often use low oxygen copper containing oxygen volume which is 200~400ppm and the resistivity is slightly higher than that of oxygen-free copper. From this point of view, the conductors of professional speaker cables have higher purity and smaller resistance.

Withstand Voltage

The working voltage of the professional speaker cable does not exceed 100V while the power line voltage requirements meet 220V. The lower the working voltage, the thinner the insulation layer so it is often seen that the insulation layer of the professional speaker cable (the plastic that coats the surface of the copper conductor is called the insulation layer) is thinner than the insulation layer of the RVV. Then the assembler do not use the speaker cable as a power cord when using the 220V power supply which may cause the insulation layer to break down after a long time which cause accidents such as short circuits.

Softness

Professional speaker cable according to different application occasions are divided into engineering line and mobile performance line. The former focus on small outer diameter and cost-effective. The latter focus on softness, toughness and anti-rotation, These features and benefits are according to different characteristics of the selection of plastic and according to the characteristics to achieve performance requirements. Therefore, it is common to see that the engineering speaker cable is smaller than the RVV outer diameter. The appearance is twisted and the outer diameter of the mobile speaker line is larger and softer than the RVV and these two characteristics cannot be taken into account by the RVV. If there is no professional audio cable on the project site, can the RVV be temporarily replaced? The answer is that it can be used temporarily provided that in the case of low requirements for outer diameter, softness and transmission sound effects, the speaker will definitely be able to sound and will not cause damage to the audio system.



What is an AES/EBU digital audio cable? Can I replace it ?

AES/EBU, whose full name is Audio Engineering Society/European Broadcast Union, is a serial transmission protocol for transmitting two channels of digital audio data over a pair of twisted pairs, of which AES refers to the AES3-2003 standard (first published in 1985, revised in 1992 and 2003), and EBU refers to the EBUTech3250E standard. The two are essentially identical, collectively referred to as the AES/EBU digital audio interface protocol, while AES3 has been incorporated into the IEC60958 standard of the International Electrotechnical Commission.

AES3 specifies that there are three kinds of sampling frequencies: 32KHz, 44.1KHz, 48KHz, the transmission frequency at 48KHz sampling frequency is 6.144MHz, the transmission bit rate is 3.072Mbps, the characteristic impedance of the balanced connection method is 110±10 Ω, and the characteristic impedance of the unbalanced connection method is 75±3Ω, so the characteristic impedance is very important.

AUDIO AES Standards Audio Engineering Society

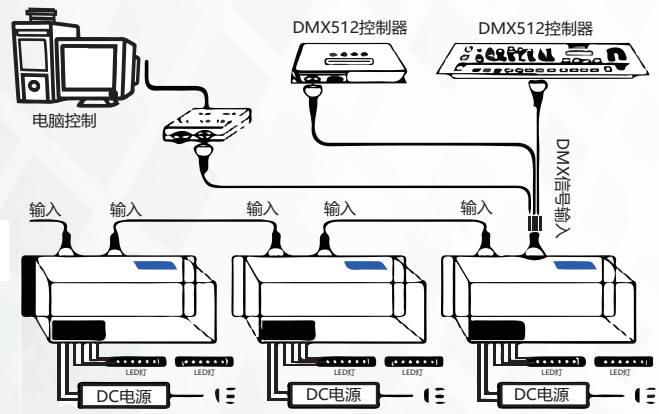
Can the DMX 512 light cable be replaced with RVVP4×0.5?

Although the structure has 4 cores plus braided shielding but the difference between the two cables is still very large. First of all, RVVP this model is derived from the national standard JB/T8734. The insulation and sheath materials are PVC. There is no requirement for the characteristic impedance. We tested the impedance at about 70Ω and the DMX512 light signal cable is proposed by the American Stage Lighting Association (USITT) a data dimming protocol. For the characteristic impedance has clear requirements, that is, 120Ω +5% ~ 120Ω -10%. The transmission distance can reach 1200 meters if the RVVP is used. The impedance does not match causing a large reflection and the transmission distance of more than 30 meters may appear garbled, packet loss and other phenomena. Therefore, DMX512 light signal connection must not use RVVP. Be sure to use professional cables to ensure the transmission distance and signal stability. Thus, it is worth noting that:

- The last load connected uses a 120Ω termination resistor to maintain system stability.

- The load should not exceed 32 and if necessary, increase the signal splitter.

The distance of the usual DMX512 signal cable is controlled within 200 meters, that is, the distance between the console or the distributor to the end load should not exceed 200 meters such as more than 200 meters of special cases. Please contact the manufacturer to select a professional cable of foamed polyolefin material.

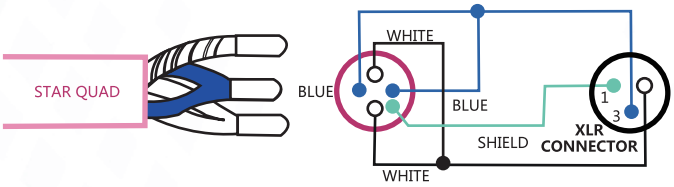


When to use a four-core star strand cable?

The application of four-core star strand cable is more and more extensive. More and more professionals realize the importance of anti-interference which is also the biggest advantage of the four-core star strand structure. This double balance offset structure greatly reduces the noise introduced by electromagnetic reaction. Compared with other two-core cables, the advantages are obvious. Our four-core cable is complete, including microphone cable and audio signal cable, can be selected according to different occasions. Of course, the star strand structure also has disadvantages, that is, the high frequency (after 10KHZ) attenuation is large which can be seen by the comparative test.

High frequency attenuation mainly depends on the capacitance. The two-core capacitor is usually around 70pF and the star strand structure capacitance is increased to 100pF (it should be noted that the star strand capacitor is not a two-core capacitor). For the star strand capacitor to increase this point, we replaced the insulating material for the foam polyolefin to reduce the capacitance so that the star strand structure of the foamed material can maintain the high frequency low attenuation effect of the two core wires. On the four-core star stranded cable, we have microphone cables and audio signal cables to choose from, please combine the application environment to choose.

Of course, what needs to be reminded is the star strand wiring method:



How to choose the various shielding methods of signal cables?

Common audio signal cables including audio signal cables and microphone cables are shielded by aluminum foil shield, copper wire spiral shield and copper wire braided shield. The purpose of these shielding methods is to improve the anti-interference ability of cables. So how to choose these blocking methods?

Aluminum foil shielding

This is the lowest cost of the three ways, the principle is to use aluminum foil tape wrapped around the surface of the cable to achieve shielding purposes, aluminum foil is a process of applying aluminum to polyolefin film, aluminum foil thickness is usually 0.02 ~ 0.05mm, the process is mature, the amount of aluminum per unit of aluminum foil is very small, 1000 meters of wire uses one or two kilograms of aluminum foil. Thus, the cost is very low. This way is usually accompanied by tinned copper wire grounding wire used together. Aluminum foil shielded cables usually used for fixed installation occasions, or after special treatment can be used for flowing use of cables. Also typically used for intermediate audio signal cables.

Copper wire braided shielding

This is the most common way of shielding microphone cable applications, but also the highest cost, by the braid density of 90% / 98% to measure the tightness of the braid, the higher the braid density, the denser, the more patience and experience is required when the termination picks. The advantage is tensile resistance, bending resistance, even in the use of multiple bending and twisting of the flow performance occasion can maintain good structural stability and good shielding effect which is the flow of the microphone cable preferred shielding method.

Copper wire spiral shielding

This is the early microphone cable commonly used shielding method. Copper wire is in the same direction uniformly and orderly wound on the surface of the cable to achieve shielding effect. The main cost of this way is still copper wire, the cost is between the aluminum foil and copper wire braid shielding. The advantage is the cable is softer and the disadvantage is that the structure of the cable is not stable and the tensile resistance is poor, and the application in recent years has been reduced.

Commonly used Materials in Professional Audio Cables

BC - Bare Copper. This is the most commonly used OFC (oxygen-free copper) without any plating. Its advantage is having smallest resistance which is the most common application. Its disadvantage is not high temperature resistance and oxidation resistance which is not as good as tinned copper wire, commonly used as a conductor of the cable.

TC - Tinned Copper wire, tin plating on the surface of the copper wire to improve oxidation resistance but will increase the resistance. Often used for foamed insulating layer conductors and shielded braided mesh.

LDPE - Low-Density Polyethylene, the dielectric constant of this material is smaller than about 2.3, low capacitance, high sound attenuation is reduced, is a microphone cable, audio signal line commonly used insulation material, but the material is softer, not suitable for too thin core wire.

HDPE - High-Density Polyethylene, like LDPE, has a small dielectric constant of about 2.3, low capacitance. Low sound attenuation is reduced and the material is harder. Suitable as an insulation of thinner cores.

Foam-PE - Foamed Polyethylene, through the process means of nitrogen is charged into the hydrocarbon insulation layer to reduce the dielectric constant, usually 1.6~2, less attenuation. For equipment, process requirements are more refined. Production costs are also higher and usually used for high-frequency signal cable insulation process.

PVC - Polyvinyl Chloride is one of the most commonly used materials in cables. It is low price, good flame retardant performance, mature production process and easy to obtain. Usually used for fixed installation of audio cables, and speaker cables. .

PVC Elastomer is PVC mixed with other additives to achieve the purpose of elasticity, softness and flexibility than traditional PVC. The cost is higher and usually used as a mobile performance of the microphone cable, audio signal cable, speaker cable and other requirements of soft cable sheath.

TPU - Thermoplastic Polyurethane Elastomer, with similar weather resistance to rubber, can indeed be produced with plastic extrusion equipment, reducing production costs, with good elasticity, cold resistance, acid resistance, alkali resistance, oil resistance, hydrolysis resistance and other excellent properties. This is the preferred material for harsh environments usually used as outdoor performances or water parks directly immersed in audio cable sheath materials.

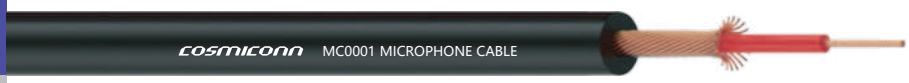
LSZH - Low Smoke Halogen-free. In recent years, construction need to meet the requirements of low smoke halogen-free, Seetronic LSZH material is fully in line with the standard, that is, halogen-free in line with IEC60754, low smoke in line with IEC61034 which is the international standard for low smoke and halogen-free, we hope to be able to add a little strength to fire safety.

Microphone Cables

COSMICONN

SINGLE-CORE MICROPHONE CABLE

- Spiral shield single core microphone cable
- Small die-electric HDPE insulation for improved sound quality
- Soft feel cable body and cost-effective
- Appropriate for fixed and mobile installations

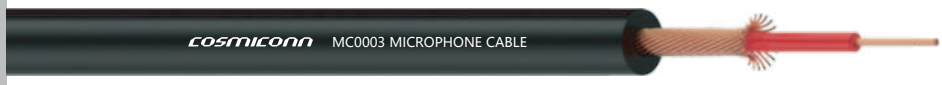


Product Structure Parameters		
Model	**MC0001**	**MC0002**
Complete Product Structure	10/0.12BC+HDPE1.3+SP30/0.12BC+PVC3.5	20/0.12BC+HDPE1.4+SP30/0.12BC+PVC4.0
Conductor Specification	0.11mm² / 27AWG	0.22mm² / 24AWG
Conductor Structure	OFC 10/0.12BC	OFC 20/0.12BC
Insulation Material | OD	HDPE / 1.3mm	HDPE / 1.4 mm
Insulation Color	RD	RD
Shield | Coverage	OFC SP30 / 0.12BC 62%	OFC SP30 / 0.12BC 60%
Outer Insulation Material	Elastic PVC	Elastic PVC
Jacket Color	BK	BK
Jacket OD	3.5 mm	4.0 mm

Electrical and Physical Properties		
Conductor Resistance	176.5 Ω/km	88.2 Ω/km
Shield Resistance	58.8 Ω/km	58.8 Ω/km
Capacitance Between Conductors	-	-
Conductor and Shield Capacitance	100 pF/m	131 pF/m
Insulation Withstand Voltage	0.5 AC kv/min	0.5 AC kv/min
Temperature Range	-20℃ ~ +70℃	-20℃ ~ +70℃

SINGLE-CORE MICROPHONE CABLE

- Spiral shield single core microphone cable
- Small die-electric HDPE insulation for improved sound quality
- Soft feel cable body and cost-effective
- Appropriate for fixed and mobile installations



Product Structure Parameters		
Model	**MC0003**	**MC0004**
Complete Product Structure	20/0.12BC+HDPE1.4+SP30/0.12BC+PVC5.0	20/0.12BC+HDPE1.4+SP30/0.12BC+PVC6.0
Conductor Specification	0.22mm² / 24 AWG	0.22mm² / 24 AWG
Conductor Structure	OFC 20/0.12BC	OFC 20/0.12BC
Insulation Material | OD	HDPE / 1.4 mm	HDPE / 1.4 mm
Insulation Color	RD	RD
Shield | Coverage	OFC SP30 / 0.12BC 60%	OFC SP30 / 0.12BC 60%
Outer Insulation Material	Elastic PVC	Elastic PVC
Jacket Color	BK	BK
Jacket OD	5.0 mm	6.0 mm

Electrical and Physical Properties		
Conductor Resistance	88.2 Ω/km	88.2 Ω/km
Shield Resistance	58.8 Ω/km	58.8 Ω/km
Capacitance Between Conductors	-	-
Conductor and Shield Capacitance	131 pF/m	131 pF/m
Insulation Withstand Voltage	0.5 AC kv/min	0.5 AC kv/min
Temperature Range	-20℃ ~ +70℃	-20℃ ~ +70℃

DUAL-CORE MICROPHONE CABLE

- Spiral shield double core microphone cable
- Small die-electric constant HDPE inner insulation for improved sound quality and reduced external interference
- High density spiral shield
- Soft feel cable body and cost-effective
- Appropriate for fixed and mobile installations

Product Structure Parameters		
Model	**MC0005**	**MC0006**
Complete Product Structure	10/0.12BC+HDPE1.3+SP30/0.12BC+PVC3.5	(20/0.12BC+HDPE1.4)*2C+Cotton+SP58/0.12BC+PVC6.0
Conductor Specification	0.11mm² / 27AWG	2x0.22mm² / 24AWG
Conductor Structure	OFC 10/0.12BC	OFC 20/0.12BC
Insulation Material | OD	HDPE / 1.3 mm	HDPE / 1.4 mm
Insulation Color	RD	RD WH
Shield | Coverage	OFC SP30 / 0.12BC 62%	OFC SP58 / 0.12BC 62%
Outer Insulation Material	Elastic PVC	Elastic PVC
Jacket Color	BK	BK
Jacket OD	3.5 mm	6.0 mm

Electrical and Physical Properties		
Conductor Resistance	176.5 Ω/km	88.2 Ω/km
Shield Resistance	58.8 Ω/km	30.4 Ω/km
Capacitance Between Conductors	59 pF/m	61 pF/m
Conductor and Shield Capacitance	123 pF/m	125 pF/m
Insulation Withstand Voltage	0.5 AC kv/min	0.5 AC kv/min
Temperature Range	-20℃ ~ +70℃	-20℃ ~ +70℃

DUAL-CORE DOUBLE-LAYER SHIELD MICROPHONE CABLE

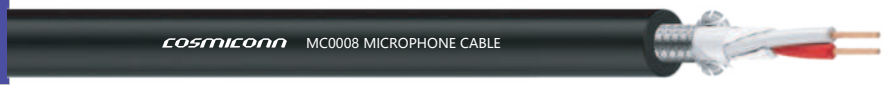
- Small die-electric constant HDPE insulation for improved sound quality
- High density spiral conductive PE+OFC shield which reduce external interference
- High twisted cotton yarn filling for tensile resistance
- Soft feel cable body and cost-effective
- Appropriate for fixed and mobile installations

Product Structure Parameters	
Model	**MC0007**
Complete Product Structure	(20/0.12BC+HDPE1.4+CPE1.8)*2C+Cotton+SP80/0.10BC+PVC6.5
Conductor Specification	2x0.22mm² / 24AWG
Conductor Structure	OFC 20/0.12BC
Insulation Material | OD	HDPE / 1.4 mm
Insulation Color	RD WH
Inner cover material | OD	CPE / 1.8 mm
Shield | Coverage	OFC SP80 / 0.10BC 60%
Outer Insulation Material	Elastic PVC
Jacket Color	BK
Jacket OD	6.5 mm

Electrical and Physical Properties	
Conductor Resistance	88.2 Ω/km
Shield Resistance	35.4 Ω/km
Capacitance Between Conductors	55 pF/m
Conductor and Shield Capacitance	115 pF/m
Insulation Withstand Voltage	0.5 AC kv/min
Temperature Range	-20℃ ~ +70℃

BRAIDED SHIELD MICROPHONE CABLE

- Small die-electric constant HDPE insulation for improved sound quality
- High strand core wire and high density braided shield greatly increase resistance to external interference
- Soft feel cable body and cost-effective
- Appropriate for fixed and mobile installations

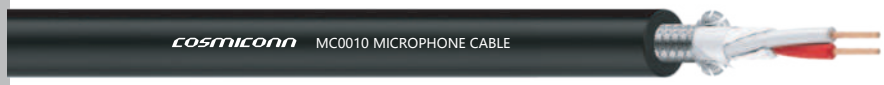


Product Structure Parameters		
Model	**MC0008**	**MC0009**
Complete Product Structure	(20/0.12BC+HDPE1.4)*2C+Cotton+BD16/6/0.10BC+PVC6.0	(60/0.08BC+HDPE1.65)*2+Cotton+Cotton Paper+BD16/8/0.10TC+PVC6.0
Conductor Specification	2x0.22mm² / 24AWG	2x0.3mm² / 22AWG
Conductor Structure	OFC 20/0.12BC	OFC 60/0.08BC
Insulation Material | OD	HDPE / 1.4 mm	HDPE / 1.65 mm
Insulation Color	RD WH	BL WH
Shield | Coverage	OFC BD16/6/0.10BC 80%	OFC BD16/8/0.10TC 93%
Outer Insulation Material	Elastic PVC	Elastic PVC
Jacket Color	BK	BK
Jacket OD	6.0 mm	6.0 mm

Electrical and Physical Properties		
Conductor Resistance	88.2 Ω/km	66.2 Ω/km
Shield Resistance	31.7 Ω/km	20.8 Ω/km
Capacitance Between Conductors	61 pF/m	59 pF/m
Conductor and Shield Capacitance	123 pF/m	119 pF/m
Insulation Withstand Voltage	0.5 AC kv/min	0.5 AC kv/min
Temperature Range	-20℃ ~ +70℃	-20℃ ~ +70℃

BRAIDED SHIELD MICROPHONE CABLE

- Small die-electric constant HDPE insulation for improved sound quality
- High strand core wire and high density braided shield greatly increase resistance to external interference
- Soft feel cable body and cost-effective
- Appropriate for fixed and mobile installations



Product Structure Parameters		
Model	**MC0010**	**MC0011**
Complete Product Structure	(30/0.8BC+HDPE1.25)*2C+Cotton+AL+BD16/5/0.10TC+PVC6.0	(30/0.8BC+HDPE1.25)*2C+Cotton+AL+BD16/5/0.10TC+PVC5.0
Conductor Specification	2x0.15mm² / 25AWG	2x0.15mm² / 25AWG
Conductor Structure	OFC 20/0.08BC	OFC 20/0.08BC
Insulation Material | OD	HDPE / 1.25 mm	HDPE / 1.25 mm
Insulation Color	BL WH	BU WH
Shield | Coverage	OFC BD16/5/0.10TC 75% AL 100%	OFC BD16/5/0.10TC 75% AL 100%
Outer Insulation Material	Elastic PVC	Elastic PVC
Jacket Color	BK	BK
Jacket OD	6.0 mm	5.0 mm

Electrical and Physical Properties		
Conductor Resistance	132.4 Ω/km	132.4 Ω/km
Shield Resistance	33.4 Ω/km	33.4 Ω/km
Capacitance Between Conductors	55 pF/m	55 pF/m
Conductor and Shield Capacitance	113 pF/m	113 pF/m
Insulation Withstand Voltage	0.5 AC kv/min	0.5 AC kv/min
Temperature Range	-20℃ ~ +70℃	-20℃ ~ +70℃

BRAIDED SHIELD MICROPHONE CABLE

- Small die-electric constant LDPE insulation for improved sound quality
- High strand 4-core wire and high density braided shield greatly increase resistance to external interference
- Soft feel cable body
- Appropriate for fixed and mobile installations

Product Structure Parameters		
Model	**MC0012**	**MC0013**
Complete Product Structure	(25/0.10BC+LDPE1.4)*4C+Cotton+Cotton Paper+ BD16/8/0.10TC+PVC6.0	(60/0.80BC+LDPE1.65)*2C+Cotton+Cotton Paper +BD16/6/0.10TC+PVC6.0
Conductor Specification	4x0.2mm² / 24AWG	2x0.3mm² / 22AWG
Conductor Structure	OFC 25/0.10BC	OFC 60/0.80BC
Insulation Material | OD	LDPE / 1.4 mm	LDPE / 1.65 mm
Insulation Color	2xBL 2xWH	2xBL 2xWH
Shield | Coverage	OFC BD16/8/0.10TC 90%	OFC BD16/6/0.10TC 90%
Outer Insulation Material	Elastic PVC	Elastic PVC
Jacket Color	BK	BK
Jacket OD	6.0 mm	6.0 mm

Electrical and Physical Properties		
Conductor Resistance	101.6 Ω/km	66.2 Ω/km
Shield Resistance	20.8 Ω/km	27.8 Ω/km
Capacitance Between Conductors	57 pF/m	60 pF/m
Conductor and Shield Capacitance	116 pF/m	110 pF/m
Insulation Withstand Voltage	0.5 AC kv/min	0.5 AC kv/min
Temperature Range	-20℃ ~ +70℃	-20℃ ~ +70℃

ALUMINUM FOIL SHIELD DUAL-CORE MICROPHONE CABLE

- Aluminum foil + ground shielded double core microphone cable
- Cost effective and appropriate for fixed and mobile installations

Product Structure Parameters			
Model	**MC0014**	**MC0015**	**MC0016**
Complete Product Structure	(16/0.12BC+HDPE1.25)*2C+DW7/0.18TC+AL+PVC3.3	(20/0.12BC+HDPE1.4)*2C+DW7/0.2TC+AL+PVC4.2	(20/0.10BC+HDPE1.1)*2C+DW7/0.18TC+AL+PVC3.0
Conductor Specification	2x0.18mm² / 25AWG	2x0.22mm² / 24AWG	2x0.15mm² / 25AWG
Conductor Structure	OFC 16/0.12BC	OFC 20/0.12BC	OFC 20/0.10BC
Insulation Material | OD	HDPE / 1.25 mm	HDPE / 1.4 mm	HDPE / 1.1 mm
Insulation Color	RD WH	RD WH	BL WH
Shield | Coverage	OFC DW7/0.18TC AL 100%	OFC DW7/0.20TC AL 100%	OFC DW7/0.18TC AL 100%
Outer Insulation Material	PVC	PVC	PVC
Jacket Color	BK GY	BK GY	BK Colored
Jacket OD	3.3 mm	4.2 mm	3.0 mm

Electrical and Physical Properties			
Conductor Resistance	105 Ω/km	88.2 Ω/km	127 Ω/km
Shield Resistance	117.8 Ω/km	95.4 Ω/km	95.4 Ω/km
Capacitance Between Conductors	61 pF/m	60 pF/m	64 pF/m
Conductor and Shield Capacitance	124 pF/m	122 pF/m	129 pF/m
Insulation Withstand Voltage	0.5 AC kv/min	0.5 AC kv/min	0.5 AC kv/min
Temperature Range	-20℃ ~ +70℃	-20℃ ~ +70℃	-20℃ ~ +70℃

DUAL-CORE MICROPHONE CABLE

- Spiral shield double core microphone cable
- Small die-electric constant HDPE inner insulation for improved sound quality and reduced external interference
- High density spiral shield
- Soft feel cable body and cost-effective
- Appropriate for fixed and mobile installations

Product Structure Parameters	
Model	**MC0017**
Complete Product Structure	(20/0.10BC+HDPE1.25)*2C+Cotton+SP48/0.10BC+PVC6.0
Conductor Specification	0.15mm² / 25AWG
Conductor Structure	OFC 20/0.10BC
Insulation Material | OD	HDPE / 1.25 mm
Insulation Color	RD WH
Shield | Coverage	OFC SP48/0.10BC 50%
Outer Insulation Material	Elastic PVC
Jacket Color	BK
Jacket OD	6.0 mm

Electrical and Physical Properties	
Conductor Resistance	127.1 Ω/km
Shield Resistance	52.9 Ω/km
Capacitance Between Conductors	56 pF/m
Conductor and Shield Capacitance	115 pF/m
Insulation Withstand Voltage	0.5 AC kv/min
Temperature Range	-20℃ ~ +70℃

SPIRAL SHIELD STAR STRANDS MICROPHONE CABLE

- Small die-electric HDPE inner insulation for improved sound quality
- 4-core star strand filled with cotton yarn for tensile resistance
- High density spiral shield for improved external interference
- Soft feel cable body and cost-effective
- Appropriate for fixed and mobile installations

Product Structure Parameters	
Model	**MC0018**
Complete Product Structure	(30/0.08BC+HDPE1.0)*4C+Cotton+Cotton Paper+SP70/0.12BC+PVC4.8
Conductor Specification	4x0.15mm² / 25AWG
Conductor Structure	OFC 30/0.08BC
Insulation Material | OD	HDPE / 1.0 mm
Insulation Color	BK RD BL WH
Shield | Coverage	OFC SP70/0.12BC 75%
Outer Insulation Material	Elastic PVC
Jacket Color	BK
Jacket OD	4.8 mm

Electrical and Physical Properties	
Conductor Resistance	132.3 Ω/km
Shield Resistance	25.2 Ω/km
Capacitance Between Conductors	72 pF/m
Conductor and Shield Capacitance	148 pF/m
Insulation Withstand Voltage	0.5 AC kv/min
Temperature Range	-20℃ ~ +70℃

DUAL-CORE MICROPHONE CABLE

- Spiral shield double core microphone cable
- Small die-electric constant HDPE inner insulation for improved sound quality and reduced external interference
- High density spiral shield
- Soft feel cable body and cost-effective
- Appropriate for fixed and mobile installations

Product Structure Parameters	
Model	**MC0019**
Complete Product Structure	(28/0.10BC+HDPE1.4)*2C+Cotton+SP80/0.10BC+PVC6.0
Conductor Specification	2x0.22mm² / 24AWG
Conductor Structure	OFC 28/0.10BC
Insulation Material | OD	HDPE / 1.4 mm
Insulation Color	RD WH
Shield | Coverage	OFC SP80/0.10BC 69%
Outer Insulation Material	Elastic PVC
Jacket Color	BK
Jacket OD	6.0 mm

Electrical and Physical Properties	
Conductor Resistance	90.8 Ω/km
Shield Resistance	33.4 Ω/km
Capacitance between conductors	61 pF/m
Conductor and shield capacitance	125 pF/m
Insulation withstand voltage	0.5 AC kv/min
Temperature Range	-20℃ ~ +70℃

LOW CAPACITANCE MICROPHONE CABLE

- Double-layer shield and dual-core microphone cable
- Imported foam PE insulation which reduces die-electric constant body to improve transmission
- Aluminum foil+OFC shielding for anti-external interference
- Soft feel cable body and cost-effective
- Appropriate for fixed and mobile installations

Product Structure Parameters	
Model	**MC0020**
Complete Product Structure	(30/0.12BC+FPE1.6)*2C+Cotton+SP90/0.10BC+PVC6.5
Conductor Specification	2x0.34mm² / 22AWG
Conductor Structure	OFC 30/0.12BC
Insulation Material | OD	FPE / 1.6 mm
Insulation Color	RD WH
Shield | Coverage	OFC SP90/0.10BC 69% N AL 100%
Outer Insulation Material	Elastic PVC
Jacket Color	BK
Jacket OD	6.5 mm

Electrical and Physical Properties	
Conductor Resistance	58.8 Ω/km
Shield Resistance	29.7 Ω/km
Capacitance between conductors	49 pF/m
Conductor and shield capacitance	91 pF/m
Insulation withstand voltage	0.1 AC kv/min
Temperature Range	-20℃ ~ +70℃

ALUMINUM FOIL SHIELD LSZH FREE MICROPHONE CABLE

- Aluminum foil + ground shielded low smoke halogen free microphone cable
- Cost effective and appropriate for fixed and mobile installations

Product Structure Parameters	
Model	**MCL0001**
Complete Product Structure	(20/0.12BC+HDPE1.4)*2C+DW7/0.20TC+AL+LSZH5.0
Conductor Specification	2x0.22mm² / 24AWG
Conductor Structure	OFC 20/0.12BC
Insulation Material | OD	HDPE / 1.4mm
Insulation Color	RD WH
Shield | Coverage	OFC DW7/0.20TC AL 100%
Outer Insulation Material	LSZH
Jacket Color	BK
Jacket OD	5.0 mm

Electrical and Physical Properties	
Conductor Resistance	88.2 Ω/km
Shield Resistance	95.4 Ω/km
Capacitance Between Conductors	60 pF/m
Conductor and Shield Capacitance	122 pF/m
Insulation Withstand Voltage	0.5 AC kv/min
Temperature Range	-20℃ ~ +70℃

AES/EBU & DMX-512 Cables

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BRAIDED SHIELD AES/EBU & DMX-512

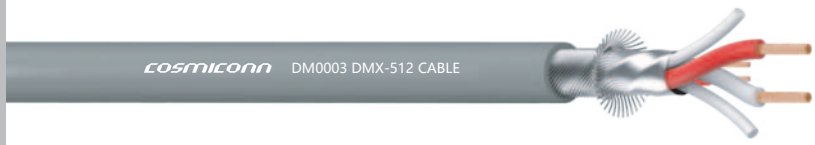
- Braided shield AES/EBU & 110Ω DMX-512 cable
- Soft feel cable body and suitable for fixed and mobile installations

Product Structure Parameters		
Model	**DM0001**	**DM0002**
Complete Product Structure	(20/0.12BC+LDPE1.8)*2C+Cotton+AL+BD16/8/0.10TC+PVC6.0	(37/0.10BC+LDPE2.1)*2C+Cotton+BD16/9/0.10TC+PVC7.0
Conductor Specification	2x0.22mm² / 24AWG	2x0.3mm² / 22AWG
Conductor Structure	OFC 20/0.12BC	OFC 37/0.10BC
Insulation Material | OD	LDPE / 1.8 mm	LDPE / 2.1 mm
Insulation Color	RD WH	RD WH
Shield | Coverage	OFC BD16/8/0.10TC 89% AL 100%	OFC BD16/9/0.10TC 91%
Outer Insulation Material	Elastic PVC	Elastic PVC
Jacket Color	BK GY	BK GY
Jacket OD	6.0 mm	7.0 mm

Electrical and Physical Properties		
Conductor Resistance	88.2 Ω/km	68.7 Ω/km
Shield Resistance	20.8 Ω/km	18.5 Ω/km
Capacitance Between Conductors	48 pF/m	47 pF/m
Conductor and Shield Capacitance	97 pF/m	95 pF/m
Insulation Withstand Voltage	0.5 AC kv/min	0.5 AC kv/min
Temperature Range	-20℃ ~ +70℃	-20℃ ~ +70℃

BRAIDED SHIELD DMX-512 2-PAIR CABLE

- Braided shield 110Ω DMX-512 2-pair cable
- Soft feel cable body and suitable for fixed and mobile installations



Product Structure Parameters	
Model	**DM0003**
Complete Product Structure	(20/0.12BC+LDPE1.65)*2P+PPR+AL+DW7/0.20TC+BD16/9/0.12TC+PVC8.0
Conductor Specification	2x2x0.22mm² / 24AWG
Conductor Structure	OFC 20/0.12BC
Insulation Material | OD	LDPE / 1.65 mm
Insulation Color	RD WH GY BU
Shield | Coverage	OFC BD16/9/0.12TC 87% AL 100%
Outer Insulation Material	Elastic PVC
Jacket Color	BK GY
Jacket OD	8.0 mm

Electrical and Physical Properties	
Conductor Resistance	88.2 Ω/km
Shield Resistance	12.8 Ω/km
Capacitance Between Conductors	41 pF/m
Conductor and Shield Capacitance	87 pF/m
Insulation Withstand Voltage	0.5 AC kv/min
Temperature Range	-20℃ ~ +70℃

ALUMINUM FOIL SHIELD AES/EBU & DMX-512 CABLE

- Aluminum foil + ground shield 110Ω DMX-512 2-pair cable
- Suitable for fixed and mobile installations

Product Structure Parameters		
Model	**DM0004**	**DM0005**
Complete Product Structure	(20/0.12BC+LDPE1.8)*2C+DW7/0.20TC+AL+PVC5.0	(7/0.18BC+LDPE1.6)*2C+DW7/0.18TC+AL+PVC4.2
Conductor Specification	2x0.22mm² / 24AWG	2x0.18mm² / 25AWG
Conductor Structure	OFC 20/0.12BC	OFC 7/0.18BC
Insulation Material | OD	LDPE / 1.8 mm	LDPE / 1.6 mm
Insulation Color	RD WH	RD WH
Shield | Coverage	OFC DW7/0.20TC AL 100%	OFC DW7/0.18TC AL 100%
Outer Insulation Material	Elastic PVC	PVC
Jacket Color	BK GY	BK GY
Jacket OD	5.0 mm	4.2 mm

Electrical and Physical Properties		
Conductor Resistance	95.4 Ω/km	112 Ω/km
Shield Resistance	95.4 Ω/km	117.8 Ω/km
Capacitance Between Conductors	48 pF/m	48 pF/m
Conductor and Shield Capacitance	97 pF/m	97 pF/m
Insulation Withstand Voltage	0.5 AC kv/min	0.5 AC kv/min
Temperature Range	-20℃ ~ +70℃	-20℃ ~ +70℃

BRAIDED SHIELD AES/EBU & DMX-512

- Braided shield AES/EBU & 110Ω DMX-512 cable
- Soft feel cable body and suitable for fixed and mobile installations

Product Structure Parameters	
Model	**DM0006**
Complete Product Structure	(20/0.12BC+LDPE1.8)*2C+Cotton+AL+BD16/6/0.10TC+PVC6.0
Conductor Specification	2x0.22mm² / 24AWG
Conductor Structure	OFC 20/0.12BC
Insulation Material | OD	LDPE / 1.8 mm
Insulation Color	RD WH
Shield | Coverage	OFC BD16/6/0.10TC 89% AL 100%
Outer Insulation Material	Elastic PVC
Jacket Color	BK GY
Jacket OD	6.0 mm

Electrical and Physical Properties	
Conductor Resistance	84 Ω/km
Shield Resistance	27.8 Ω/km
Capacitance Between Conductors	50 pF/m
Conductor and Shield Capacitance	122 pF/m
Insulation Withstand Voltage	0.5 AC kv/min
Temperature Range	-20℃ ~ +70℃

ALUMINUM FOIL SHIELD DMX-512 2-PAIR CABLE

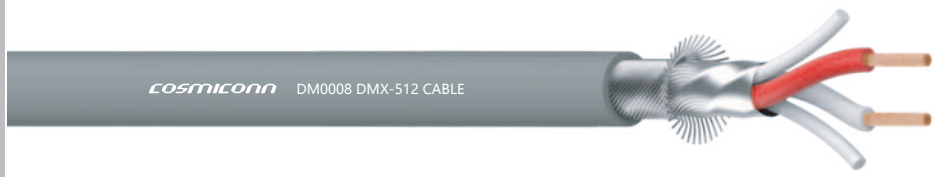
- Aluminum foil + ground shield 110Ω DMX-512 2-pair cable
- Soft feel cable body and suitable for fixed and mobile installations

Product Structure Parameters	
Model	**DM0007**
Complete Product Structure	(7/0.2TC+FPE1.6)*2P+MY+DW7/0.20TC+AL+PVC7.6
Conductor Specification	2x2x0.22mm² / 24AWG
Conductor Structure	OFC 7/0.20TC
Insulation Material | OD	FPE / 1.6 mm
Insulation Color	RD WH GN BU
Shield | Coverage	OFC DW7/0.20TC AL 100%
Outer Insulation Material	Elastic PVC
Jacket Color	BK GY
Jacket OD	7.6 mm

Electrical and Physical Properties	
Conductor Resistance	95.4 Ω/km
Shield Resistance	95.4 Ω/km
Capacitance Between Conductors	42 pF/m
Conductor and Shield Capacitance	88 pF/m
Insulation Withstand Voltage	0.1 AC kv/min
Temperature Range	-20℃ ~ +70℃

BRAIDED SHIELD AES/EBU & DMX-512

- Braided shield AES/EBU & 110Ω DMX-512 cable
- Soft feel cable body and suitable for fixed and mobile installations



Product Structure Parameters	
Model	**DM0008**
Complete Product Structure	(37/0.10BC+LDPE1.8)*2C+Cotton+BD16/9/0.10TC+PVC6.0
Conductor Specification	2x0.30mm² / 22AWG
Conductor Structure	OFC 37/0.10BC
Insulation Material | OD	LDPE / 1.8 mm
Insulation Color	RD WH
Shield | Coverage	OFC BD16/9/0.10TC 93.5%
Outer Insulation Material	Elastic PVC
Jacket Color	BK GY
Jacket OD	6.0 mm

Electrical and Physical Properties	
Conductor Resistance	65.6 Ω/km
Shield Resistance	17.5 Ω/km
Capacitance Between Conductors	47 pF/m
Conductor and Shield Capacitance	96 pF/m
Insulation Withstand Voltage	0.5 AC kv/min
Temperature Range	-20℃ ~ +70℃

ALUMINUM FOIL SHIELD LSZH FREE DMX-512 CABLE

- Aluminum foil + ground shield 110Ω and low smoke halogen free DMX-512 2-pair cable
- Soft feel cable body and suitable for fixed and mobile installations

Product Structure Parameters	
Model	**DML0001**
Complete Product Structure	(20/0.12BC+LDPE1.8)*2C+DW7/0.20TC+AL+LSZH5.8
Conductor Specification	2x0.22mm² / 24AWG
Conductor Structure	OFC 20/0.12BC
Insulation Material | OD	LDPE / 1.8 mm
Insulation Color	RD WH
Shield | Coverage	OFC DW7/0.20TC AL 100%
Outer Insulation Material	LSZH
Jacket Color	BK GY
Jacket OD	5.8 mm

Electrical and Physical Properties	
Conductor Resistance	88.2 Ω/km
Shield Resistance	95.4 Ω/km
Capacitance Between Conductors	48 pF/m
Conductor and Shield Capacitance	97 pF/m
Insulation Withstand Voltage	0.5 AC kv/min
Temperature Range	-20℃ ~ +70℃

ALUMINUM FOIL SHIELD LSZH FREE DMX-512 2-PAIR CABLE

- Aluminum foil + ground shield 110Ω and low smoke halogen free DMX-512 2-pair cable
- Soft feel cable body and suitable for fixed and mobile installations

Product Structure Parameters	
Model	**DML0002**
Complete Product Structure	(7/0.20TC+FPE1.6)*2P+DW7/0.20TC+AL+LSZH7.0
Conductor Specification	2x2x0.22mm² / 24AWG
Conductor Structure	OFC 7/0.20TC
Insulation Material | OD	FPE / 1.6 mm
Insulation Color	RD WH GN BU
Shield | Coverage	OFC DW7/0.20TC MY+ AL 100%
Outer Insulation Material	LSZH
Jacket Color	BK GY
Jacket OD	7.0 mm

Electrical and Physical Properties	
Conductor Resistance	95.4 Ω/km
Shield Resistance	95.4 Ω/km
Capacitance Between Conductors	42 pF/m
Conductor and Shield Capacitance	88 pF/m
Insulation Withstand Voltage	0.5 AC kv/min
Temperature Range	-20℃ ~ +60℃

Guitar / Instrument Cables

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GUITAR CABLE

- Spiral + conductive PE double shield guitar cable
- Soft feel cable body

Product Structure Parameters		
Model	**GT0001**	**GT0002**
Complete Product Structure	20/0.12BC+LDPE2.0+CPE2.6+SP48/0.12BC+PVC6.0	44/0.12BC+LDPE3.0+CPE3.4+SP80/0.12BC+PVC6.0
Conductor Specification	0.22mm² / 24AWG	0.5mm² / 20AWG
Conductor Structure	OFC 20/0.12BC	OFC 44/0.12BC
Insulation Material | OD	LDPE / 2.0 mm	LDPE / 3.0 mm
Insulation Color	Transparent	Transparent
Inner Cover Material | OD	CPE / 2.6 mm	CPE / 3.4 mm
Shield | Coverage	OFC SP48/0.12BC 59%	OFC SP80/0.12BC 70%
Outer Insulation Material	Elastic PVC	Elastic PVC
Jacket Color	BK	BK
Jacket OD	6.0 mm	6.0 mm

Electrical and Physical Properties		
Conductor Resistance	88.2 Ω/km	40.1 Ω/km
Shield Resistance	39 Ω/km	22.06 Ω/km
Capacitance Between Conductors	/	/
Conductor and Shield Capacitance	96 pF/m	96 pF/m
Insulation Withstand Voltage	0.5 AC kv/min	0.5 AC kv/min
Temperature Range	-20℃ ~ +70℃	-20℃ ~ +70℃

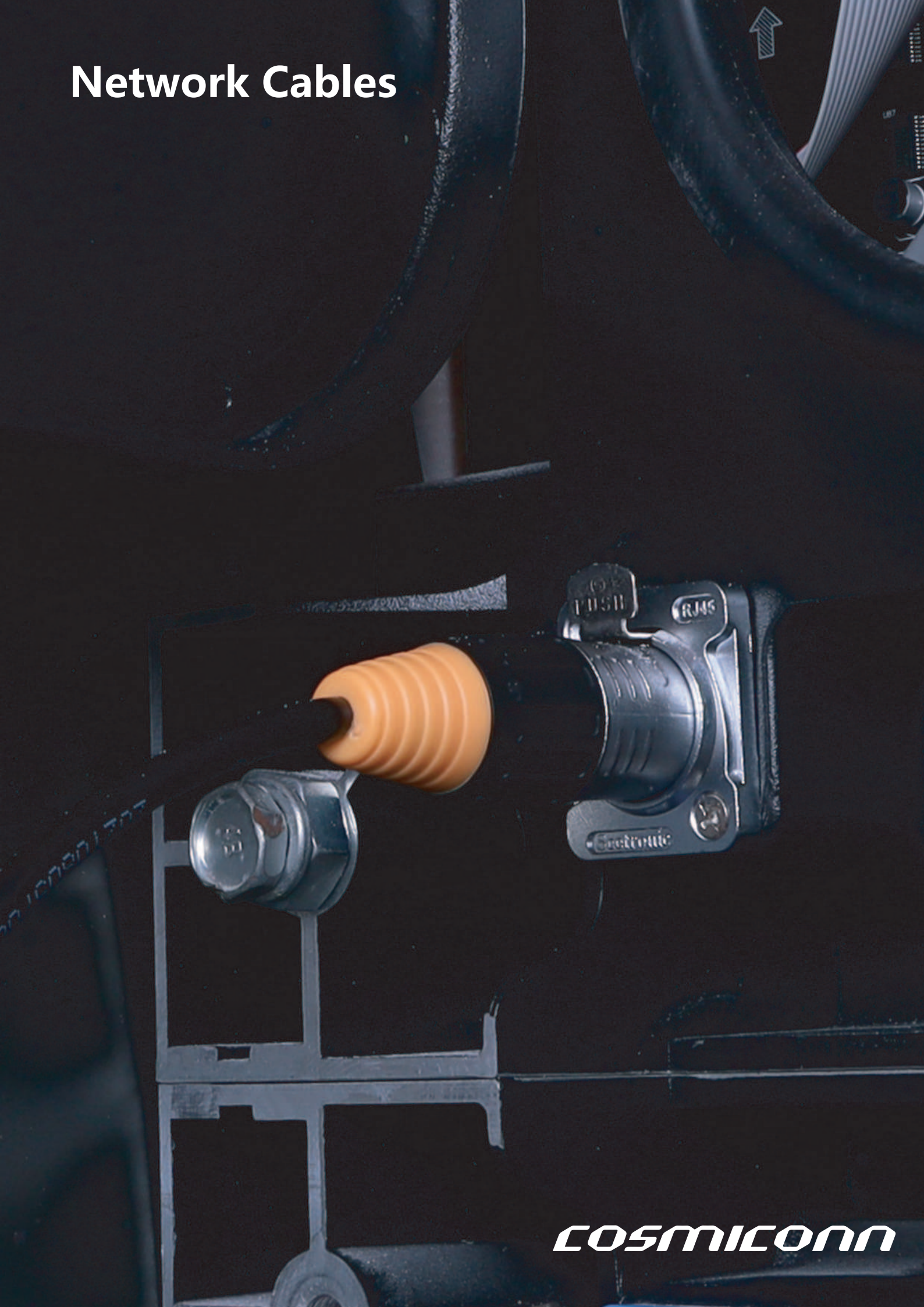
GUITAR CABLE

- High density braided + conductive PE double shield guitar cable
- Soft feel cable body

Product Structure Parameters	
Model	**GT0003**
Complete Product Structure	123/0.10BC+LDPE3.0+CPE3.4+BD16/8/0.10BC+PVC6.0
Conductor Specification	1.0mm² / 17AWG
Conductor Structure	OFC 123/0.10BC
Insulation Material | OD	LDPE / 3.0 mm
Insulation Color	Transparent
Inner Cover Material | OD	CPE / 3.4 mm
Shield | Coverage	OFC BD16/8/0.10BC 91%
Outer Insulation Material	Elastic PVC
Jacket Color	BK
Jacket OD	6.0 mm

Electrical and Physical Properties	
Conductor Resistance	20.7 Ω/km
Shield Resistance	19.8 Ω/km
Capacitance Between Conductors	/
Conductor and Shield Capacitance	131 pF/m
Insulation Withstand Voltage	0.5 AC kv/min
Temperature Range	-20℃ ~ +70℃

Network Cables



COSMICONN

24AWG x 4P CAT 5E NETWORK CABLE

- UTP Cat 5E network cable
- Suitable for integrated wiring, jumpers

Product Structure Parameters	
Model	**CA0001**
Complete Product Structure	[(7/0.20BC+HDPE0.98)*2C]*4P+DW7/0.20TC+AL+PVC6.3
Conductor Specification	4x2x0.22mm² / 24AWG
Conductor Structure	OFC 7/0.20BC
Insulation Material | OD	HDPE / 0.98 mm
Insulation Color	BU-WH/BU OG-WH/OG GN-WH/GN BN-WH/BN
Shield | Coverage	OFC DW7/0.20TC AL 100%
Outer Insulation Material	Elastic PVC
Jacket Color	BK
Jacket OD	6.3 mm

Electrical and Physical Properties	
Conductor Resistance	90.8 Ω/km
Shield Resistance	95.4 Ω/km
Capacitance Between Conductors	57 pF/m
Conductor and Shield Capacitance	/
Impedance	100 Ω
Insulation Withstand Voltage	0.5 AC kv/min
Temperature Range	-20℃ ~ +70℃

24AWG x 4P CAT 6 NETWORK CABLE

- UTP Cat 6 network cable
- Suitable for integrated wiring, jumpers

Product Structure Parameters	
Model	**CA0002**
Complete Product Structure	(1/0.51BC+HDPE0.92)*4P+DW1/0.10BC+PVC6.3
Conductor Specification	4x2x0.22mm² / 24AWG
Conductor Structure	OFC 1/0.51BC
Insulation Material | OD	HDPE / 0.92 mm
Insulation Color	BU-WH/BU OG-WH/OG GN-WH/GN BN-WH/BN
Shield | Coverage	OFC DW1/0.10BC 100%
Outer Insulation Material	Elastic PVC
Jacket Color	BK
Jacket OD	6.3 mm

Electrical and Physical Properties	
Conductor Resistance	90.8 Ω/km
Shield Resistance	95.0 Ω/km
Capacitance Between Conductors	56 pF/m
Conductor and Shield Capacitance	/
Impedance	100 Ω
Insulation Withstand Voltage	0.5 AC kv/min
Temperature Range	-20℃ ~ +60℃

26AWG x 4P CAT 6A NETWORK CABLE

- S/FTP Cat 6A network cable
- Suitable for integrated wiring, jumpers

Product Structure Parameters	
Model	**CA0003**
Complete Product Structure	[(7/0.165BC+HDPE1.0)*2C+AL]*4P+BD16/4/0.12TCCAM+PVC6.0
Conductor Specification	4x2x0.14mm² / 26AWG
Conductor Structure	OFC 7/0.16BC
Insulation Material | OD	HDPE / 1.0 mm
Insulation Color	BU-WH/BU OG-WH/OG GN-WH/GN BN-WH/BN
Shield | Coverage	OFC BD16/4/0.12TC AL 25%
Outer Insulation Material	Elastic PVC
Jacket Color	BK
Jacket OD	6.0 mm

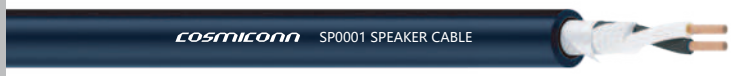
Electrical and Physical Properties	
Conductor Resistance	138.5 Ω/km
Shield Resistance	28.5 Ω/km
Capacitance Between Conductors	56 pF/m
Conductor and Shield Capacitance	/
Impedance	100 Ω
Insulation Withstand Voltage	0.5 AC kv/min
Temperature Range	-20℃ ~ +60℃

Speaker Cables

COSMICONN

HIGH PERFORMANCE SPEAKER CABLE

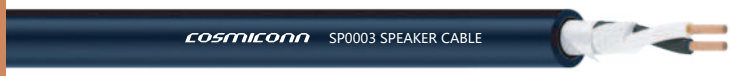
- Extremely fine monofilament conductor + low smoke halogen-free flame retardant insulation
- Soft feel cable body and suitable for mobile installation



Product Structure Parameters		
Model	**SP0001**	**SP0002**
Complete Product Structure	(189/0.10BC+XLPO2.8)*2C+Cotton+Non-Woven Fabric+PVC7.8	(259/0.10BC+XLPO3.1)*2C+Cotton+Non-Woven Fabric+PVC8.5
Conductor Specification	2x1.5mm² / 15AWG	2x2.0mm² / 14AWG
Conductor Structure	OFC 189/0.10BC	OFC 259/0.10BC
Insulation Material | OD	XLPO / 2.8 mm	XLPO / 3.1 mm
Insulation Color	BK WH	BK WH
Outer Insulation Material	Elastic PVC	Elastic PVC
Jacket Color	BK BU	BK BU
Jacket OD	7.8 mm	8.5 mm
Electrical and Physical Properties		
Conductor Resistance	13.3 Ω/km	9.7 Ω/km
Shield Resistance	/	/
Capacitance Between Conductors	/	/
Conductor and Shield Capacitance	/	/
Insulation Withstand Voltage	1.5 AC kv/min	1.5 AC kv/min
Temperature Range	-20℃ ~ +70℃	-20℃ ~ +70℃

HIGH PERFORMANCE SPEAKER CABLE

- Extremely fine monofilament conductor + low smoke halogen-free flame retardant insulation
- Soft feel cable body and suitable for mobile installation



Product Structure Parameters		
Model	**SP0003**	**SP0004**
Complete Product Structure	(315/0.10BC+XLPO3.3)*2C+Cotton+Non-Woven Fabric+PVC8.8	(80/0.25BC+XLPO3.9)*2C+Cotton+Non-Woven Fabric+PVC10.6
Conductor Specification	2x2.5mm² / 13AWG	2x4.0mm² / 11AWG
Conductor Structure	OFC 315/0.10BC	OFC 80/0.25BC
Insulation Material | OD	XLPO / 3.3 mm	XLPO / 3.9 mm
Insulation Color	BK WH	BK WH
Outer Insulation Material	Elastic PVC	Elastic PVC
Jacket Color	BK BU	BK BU
Jacket OD	8.8 mm	10.6 mm
Electrical and Physical Properties		
Conductor Resistance	7.98 Ω/km	4.95 Ω/km
Shield Resistance	/	/
Capacitance Between Conductors	/	/
Conductor and Shield Capacitance	/	/
Insulation Withstand Voltage	1.5 AC kv/min	1.5 AC kv/min
Temperature Range	-20℃ ~ +70℃	-20℃ ~ +70℃

HIGH PERFORMANCE SPEAKER CABLE

- Extremely fine monofilament conductor + low smoke halogen-free flame retardant insulation
- Soft feel cable body and suitable for mobile installation

Product Structure Parameters		
Model	**SP0005**	**SP0006**
Complete Product Structure	(189/0.10BC+XLPO2.8)*4C+Cotton+Non-Woven Fabric+PVC9.0	(259/0.10BC+XLPO3.1)*4C+Cotton+Non-Woven Fabric+PVC9.9
Conductor Specification	4x1.5mm² / 15AWG	4x2.0mm² / 14AWG
Conductor Structure	OFC 189/0.10BC	OFC 259/0.10BC
Insulation Material | OD	XLPO / 2.8 mm	XLPO / 3.1 mm
Insulation Color	BK RD BU WH	BK RD BU WH
Outer Insulation Material	Elastic PVC	Elastic PVC
Jacket Color	BK BU	BK BU
Jacket OD	9.0 mm	9.9 mm
Electrical and Physical Properties		
Conductor Resistance	13.3 Ω/km	9.7 Ω/km
Shield Resistance	/	/
Capacitance Between Conductors	/	/
Conductor and Shield Capacitance	/	/
Insulation Withstand Voltage	1.5 AC kv/min	1.5 AC kv/min
Temperature Range	-20℃ ~ +70℃	-20℃ ~ +70℃

HIGH PERFORMANCE SPEAKER CABLE

- Extremely fine monofilament conductor + low smoke halogen-free flame retardant insulation
- Soft feel cable body and suitable for mobile installation

Product Structure Parameters		
Model	**SP0007**	**SP0008**
Complete Product Structure	(315/0.10BC+XLPO3.3)*4C+Cotton+Non-Woven Fabric+PVC10.6	(80/0.25BC+XLPO3.9)*4C+Cotton+Non-Woven Fabric+PVC12.5
Conductor Specification	4x2.5mm² / 13AWG	4x4.0mm² / 11AWG
Conductor Structure	OFC 315/0.10BC	OFC 80/0.25BC
Insulation Material | OD	XLPO / 3.3 mm	XLPO / 3.9 mm
Insulation Color	BK RD BU WH	BK RD BU WH
Outer Insulation Material	Elastic PVC	Elastic PVC
Jacket Color	BK BU	BK BU
Jacket OD	10.6 mm	12.5 mm
Electrical and Physical Properties		
Conductor Resistance	7.98 Ω/km	4.95 Ω/km
Shield Resistance	/	/
Capacitance Between Conductors	/	/
Conductor and Shield Capacitance	/	/
Insulation Withstand Voltage	1.5 AC kv/min	1.5 AC kv/min
Temperature Range	-20℃ ~ +70℃	-20℃ ~ +70℃

HIGH PERFORMANCE SPEAKER CABLE

- Extremely fine monofilament conductor + low smoke halogen-free flame retardant insulation
- Soft feel cable body and suitable for mobile installation

Product Structure Parameters	
Model	**SP0009**
Complete Product Structure	(315/0.10BC+XLPO3.3)*6C+Cotton+Non-Woven Fabric+PVC12.5
Conductor Specification	6x2.5mm² / 13AWG
Conductor Structure	OFC 315/0.10BC
Insulation Material | OD	XLPO / 3.3 mm
Insulation Color	BK BN RD OG BU WH
Outer Insulation Material	Elastic PVC
Jacket Color	BK BU
Jacket OD	12.5 mm

Electrical and Physical Properties	
Conductor Resistance	7.98 Ω/km
Shield Resistance	/
Capacitance Between Conductors	/
Conductor and Shield Capacitance	/
Insulation Withstand Voltage	1.5 AC kv/min
Temperature Range	-20℃ ~ +70℃

HIGH PERFORMANCE SPEAKER CABLE

- Extremely fine monofilament conductor + low smoke halogen-free flame retardant insulation
- Soft feel cable body and suitable for mobile installation

Product Structure Parameters	
Model	**SP0010**
Complete Product Structure	(315/0.10BC+XLPO3.3)*8C+PPR+PVC13.5
Conductor Specification	8x2.5mm² / 13AWG
Conductor Structure	OFC 315/0.10BC
Insulation Material | OD	XLPO / 3.3 mm
Insulation Color	BK BN RD OG BU YE GN BU WH
Outer Insulation Material	Elastic PVC
Jacket Color	BK BU
Jacket OD	13.5 mm

Electrical and Physical Properties	
Conductor Resistance	7.98 Ω/km
Shield Resistance	/
Capacitance Between Conductors	/
Conductor and Shield Capacitance	/
Insulation Withstand Voltage	1.5 AC kv/min
Temperature Range	-20℃ ~ +70℃

FIXED MOUNTED SPEAKER CABLE

- Fixed mounted speaker cable, cost-effective and suitable for fixed installation

Product Structure Parameters		
Model	**SP0011**	**SP0012**
Complete Product Structure	(24/0.2BC+PVC2.3)*2C+PVC6.5	(32/0.2BC+PVC2.5)*2C+PVC7.0
Conductor Specification	2x0.75mm² / 18AWG	2x1.0mm² / 17AWG
Conductor Structure	OFC 24/0.20BC	OFC 32/0.20BC
Insulation Material | OD	PVC / 2.3 mm	PVC / 2.5 mm
Insulation Color	BK RD	BK RD
Outer Insulation Material	PVC	PVC
Jacket Color	BK GY	BK GY
Jacket OD	6.5 mm	7.0 mm
Electrical and Physical Properties		
Conductor Resistance	26.0 Ω/km	19.5 Ω/km
Shield Resistance	/	/
Capacitance Between Conductors	/	/
Conductor and Shield Capacitance	/	/
Insulation Withstand Voltage	1.5 AC kv/min	1.5 AC kv/min
Temperature Range	-20℃ ~ +70℃	-20℃ ~ +70℃

FIXED MOUNTED SPEAKER CABLE

- Fixed mounted speaker cable, cost-effective and suitable for fixed installation

Product Structure Parameters		
Model	**SP0013**	**SP0014**
Complete Product Structure	(30/0.25BC+PVC2.8)*2C+PVC7.6	(41/0.25BC+PVC3.1)*2C+PVC8.2
Conductor Specification	2x1.5mm² / 15AWG	2x2.0mm² / 14AWG
Conductor Structure	OFC 30/0.25BC	OFC 41/0.25BC
Insulation Material | OD	PVC / 2.8 mm	PVC / 3.1 mm
Insulation Color	BK RD	BK RD
Outer Insulation Material	PVC	PVC
Jacket Color	BK GY	BK GY
Jacket OD	7.6 mm	8.2 mm
Electrical and Physical Properties		
Conductor Resistance	13.3 Ω/km	9.7 Ω/km
Shield Resistance	/	/
Capacitance Between Conductors	/	/
Conductor and Shield Capacitance	/	/
Insulation Withstand Voltage	1.5 AC kv/min	1.5 AC kv/min
Temperature Range	-20℃ ~ +70℃	-20℃ ~ +70℃

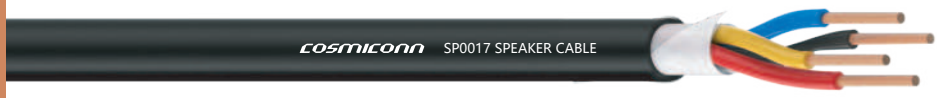
FIXED MOUNTED SPEAKER CABLE

- Fixed mounted speaker cable, cost-effective and suitable for fixed installation

Product Structure Parameters		
Model	**SP0015**	**SP0016**
Complete Product Structure	(50/0.25BC+PVC3.3)*2C+PVC8.6	(80/0.25BC+PVC3.9)*2C+PVC9.8
Conductor Specification	2x2.5mm² / 13AWG	2x4.0mm² / 11AWG
Conductor Structure	OFC 50/0.25BC	OFC 80/0.25BC
Insulation Material | OD	PVC / 3.3 mm	PVC / 3.9 mm
Insulation Color	BK RD	BK RD
Outer Insulation Material	PVC	PVC
Jacket Color	BK GY	BK GY
Jacket OD	8.6 mm	9.8 mm
Electrical and Physical Properties		
Conductor Resistance	7.98 Ω/km	7.98 Ω/km
Shield Resistance	/	/
Capacitance Between Conductors	/	/
Conductor and Shield Capacitance	/	/
Insulation Withstand Voltage	1.5 AC kv/min	1.5 AC kv/min
Temperature Range	-20℃ ~ +70℃	-20℃ ~ +70℃

FIXED MOUNTED SPEAKER CABLE

- Fixed mounted speaker cable, cost-effective and suitable for fixed installation



Product Structure Parameters		
Model	**SP0017**	**SP0018**
Complete Product Structure	(24/0.2BC+PVC2.3)*4C+PVC7.5	(32/0.2BC+PVC2.5)*4C+PVC8.0
Conductor Specification	4x0.75mm² / 18AWG	4x1.0mm² / 17AWG
Conductor Structure	OFC 24/0.20BC	OFC 32/0.20BC
Insulation Material | OD	PVC / 2.3 mm	PVC / 2.5 mm
Insulation Color	BK RD BU WH	BK RD BU WH
Outer Insulation Material	PVC	PVC
Jacket Color	BK GY	BK GY
Jacket OD	7.5 mm	8.0 mm
Electrical and Physical Properties		
Conductor Resistance	26.0 Ω/km	19.5 Ω/km
Shield Resistance	/	/
Capacitance Between Conductors	/	/
Conductor and Shield Capacitance	/	/
Insulation Withstand Voltage	1.5 AC kv/min	1.5 AC kv/min
Temperature Range	-20℃ ~ +70℃	-20℃ ~ +70℃

FIXED MOUNTED SPEAKER CABLE

- Fixed mounted speaker cable, cost-effective and suitable for fixed installation

Product Structure Parameters		
Model	**SP0019**	**SP0020**
Complete Product Structure	(30/0.25BC+PVC2.8)*4C+PVC8.8	(41/0.25BC+PVC3.1)*4C+PVC9.5
Conductor Specification	4x1.5mm² / 15AWG	4x2.0mm² / 14AWG
Conductor Structure	OFC 30/0.25BC	OFC 41/0.25BC
Insulation Material | OD	PVC / 2.8 mm	PVC / 3.1 mm
Insulation Color	BK RD BU WH	BK RD BU WH
Outer Insulation Material	PVC	PVC
Jacket Color	BK GY	BK GY
Jacket OD	8.8 mm	9.5 mm
Electrical and Physical Properties		
Conductor Resistance	13.3 Ω/km	9.7 Ω/km
Shield Resistance	/	/
Capacitance Between Conductors	/	/
Conductor and Shield Capacitance	/	/
Insulation Withstand Voltage	1.5 AC kv/min	1.5 AC kv/min
Temperature Range	-20℃ ~ +70℃	-20℃ ~ +70℃

FIXED MOUNTED SPEAKER CABLE

- Fixed mounted speaker cable, cost-effective and suitable for fixed installation

Product Structure Parameters		
Model	**SP0021**	**SP0022**
Complete Product Structure	(50/0.25BC+PVC3.3)*4C+PVC10.0	(80/0.25BC+PVC3.9)*4C+PVC11.5
Conductor Specification	4x2.5mm² / 13AWG	4x4.0mm² / 11AWG
Conductor Structure	OFC 50/0.25BC	OFC 80/0.25BC
Insulation Material | OD	PVC / 3.3 mm	PVC / 3.9 mm
Insulation Color	BK RD BU WH	BK RD BU WH
Outer Insulation Material	PVC	PVC
Jacket Color	BK GY	BK GY
Jacket OD	10.0 mm	11.5 mm
Electrical and Physical Properties		
Conductor Resistance	7.98 Ω/km	4.95 Ω/km
Shield Resistance	/	/
Capacitance Between Conductors	/	/
Conductor and Shield Capacitance	/	/
Insulation Withstand Voltage	1.5 AC kv/min	1.5 AC kv/min
Temperature Range	-20℃ ~ +70℃	-20℃ ~ +70℃

TWISTED SPEAKER CABLE

- Twisted pair outer cover tight type speaker cable
- Soft feel cable body and cost-effective
- Suitable for fixed and mobile installations

Product Structure Parameters			
Model	**SP0023**	**SP0024**	**SP0025**
Complete Product Structure	(24/0.20BC+PVC2.3)*2C+PVC6.0	(32/0.20BC+PVC2.5)*2C+PVC6.5	(30/0.25BC+PVC2.8)*2C+PVC7.2
Conductor Specification	2x0.75mm² / 18AWG	2x1.0mm² / 17AWG	2x1.5mm² / 15AWG
Conductor Structure	OFC 24/0.20BC	OFC 32/0.20BC	OFC 30/0.25BC
Insulation Material | OD	PVC / 2.3 mm	PVC / 2.5 mm	PVC / 2.8 mm
Insulation Color	BK RD	BK RD	BK RD
Outer Insulation Material	Elastic PVC	Elastic PVC	Elastic PVC
Jacket Color	BK GY	BK GY	BK GY
Jacket OD	6.0 mm	6.5 mm	7.2 mm
Electrical and Physical Properties			
Conductor Resistance	26.0 Ω/km	19.5 Ω/km	13.3 Ω/km
Shield Resistance	/	/	/
Capacitance Between Conductors	/	/	/
Conductor and Shield Capacitance	/	/	/
Insulation Withstand Voltage	1.5 AC kv/min	1.5 AC kv/min	1.5 AC kv/min
Temperature Range	-20℃ ~ +70℃	-20℃ ~ +70℃	-20℃ ~ +70℃

TWISTED SPEAKER CABLE

- Twisted pair outer cover tight type speaker cable
- Soft feel cable body and cost-effective
- Suitable for fixed and mobile installations

Product Structure Parameters			
Model	**SP0026**	**SP0027**	**SP0028**
Complete Product Structure	(41/0.25BC+PVC3.1)*2C+PVC8.0	(50/0.25BC+PVC3.3)*2C+PVC8.2	(80/0.25BC+PVC3.9)*2C+PVC9.5
Conductor Specification	2x2.0mm² / 14AWG	2x2.5mm² / 13AWG	2x4.0mm² / 11AWG
Conductor Structure	OFC 41/0.25BC	OFC 50/0.25BC	OFC 80/0.25BC
Insulation Material | OD	PVC / 3.1 mm	PVC / 3.3 mm	PVC / 3.9 mm
Insulation Color	BK RD	BK RD	BK RD
Outer Insulation Material	Elastic PVC	Elastic PVC	Elastic PVC
Jacket Color	BK GY	BK GY	BK GY
Jacket OD	8.0 mm	8.2 mm	9.5 mm
Electrical and Physical Properties			
Conductor Resistance	9.7 Ω/km	7.98 Ω/km	4.95 Ω/km
Shield Resistance	/	/	/
Capacitance Between Conductors	/	/	/
Conductor and Shield Capacitance	/	/	/
Insulation Withstand Voltage	1.5 AC kv/min	1.5 AC kv/min	1.5 AC kv/min
Temperature Range	-20℃ ~ +70℃	-20℃ ~ +70℃	-20℃ ~ +70℃

TWISTED SPEAKER CABLE

- Twisted pair outer cover tight type speaker cable
- Soft feel cable body and cost-effective
- Suitable for fixed and mobile installations

Product Structure Parameters			
Model	**SP0029**	**SP0030**	**SP0031**
Complete Product Structure	(24/0.20BC+PVC2.3)*4C+PVC7.3	(32/0.20BC+PVC2.5)*4C+PVC7.8	(30/0.25BC+PVC2.8)*4C+PVC8.5
Conductor Specification	4x0.75mm² / 18AWG	4x1.0mm² / 17AWG	4x1.5mm² / 15AWG
Conductor Structure	OFC 24/0.20BC	OFC 32/0.20BC	OFC 30/0.25BC
Insulation Material | OD	PVC / 2.3 mm	PVC / 2.5 mm	PVC / 2.8 mm
Insulation Color	BK RD BU WH	BK RD BU WH	BK RD
Outer Insulation Material	Elastic PVC	Elastic PVC	Elastic PVC
Jacket Color	BK GY	BK GY	BK GY
Jacket OD	7.3 mm	7.8 mm	8.5 mm
Electrical and Physical Properties			
Conductor Resistance	26.0 Ω/km	19.5 Ω/km	13.3 Ω/km
Shield Resistance	/	/	/
Capacitance Between Conductors	/	/	/
Conductor and Shield Capacitance	/	/	/
Insulation Withstand Voltage	1.5 AC kv/min	1.5 AC kv/min	1.5 AC kv/min
Temperature Range	-20℃ ~ +70℃	-20℃ ~ +70℃	-20℃ ~ +70℃

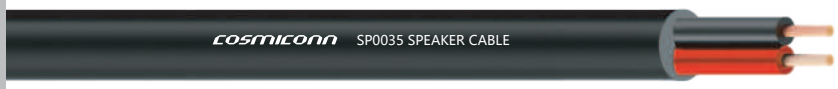
TWISTED SPEAKER CABLE

- Twisted pair outer cover tight type speaker cable
- Soft feel cable body and cost-effective
- Suitable for fixed and mobile installations

Product Structure Parameters			
Model	**SP0032**	**SP0033**	**SP0034**
Complete Product Structure	(41/0.25BC+PVC3.1)*4C+PVC9.5	(50/0.25BC+PVC3.3)*4C+PVC10.0	(80/0.25BC+PVC3.9)*4C+PVC11.8
Conductor Specification	4x2.0mm² / 14AWG	4x2.5mm² / 13AWG	4x4.0mm² / 11AWG
Conductor Structure	OFC 41/0.25BC	OFC 50/0.25BC	OFC 80/0.25BC
Insulation Material | OD	PVC / 3.1 mm	PVC / 3.3 mm	PVC / 3.9 mm
Insulation Color	BK RD BU WH	BK RD BU WH	BK RD BU WH
Outer Insulation Material	Elastic PVC	Elastic PVC	Elastic PVC
Jacket Color	BK GY	BK GY	BK GY
Jacket OD	9.5 mm	10.0 mm	11.8 mm
Electrical and Physical Properties			
Conductor Resistance	9.7 Ω/km	7.98 Ω/km	4.95 Ω/km
Shield Resistance	/	/	/
Capacitance Between Conductors	/	/	/
Conductor and Shield Capacitance	/	/	/
Insulation Withstand Voltage	1.5 AC kv/min	1.5 AC kv/min	1.5 AC kv/min
Temperature Range	-20℃ ~ +70℃	-20℃ ~ +70℃	-20℃ ~ +70℃

ON-TWISTED SPEAKER CABLE

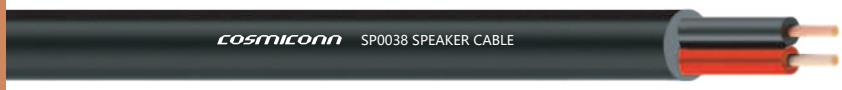
Straight external tight type speaker cable
Soft feel cable body and cost-effective
Suitable for fixed installation and mobile installations



Product Structure Parameters			
Model	**SP0035**	**SP0036**	**SP0037**
Complete Product Structure	(24/0.20BC+PVC2.3)*2C+PVC6.0	(32/0.20BC+PVC2.5)*2C+PVC6.5	(30/0.25BC+PVC2.8)*2C+PVC7.2
Conductor Specification	2x0.75mm² / 18AWG	2x1.0mm² / 17AWG	2x1.5mm² / 15AWG
Conductor Structure	OFC 24/0.20BC	OFC 32/0.20BC	OFC 30/0.25BC
Insulation Material | OD	PVC / 2.3 mm	PVC / 2.5 mm	PVC / 2.8 mm
Insulation Color	BK RD	BK RD	BK RD
Outer Insulation Material	Elastic PVC	Elastic PVC	PVC
Jacket Color	BK GY	BK GY	BK GY
Jacket OD	6.0 mm	6.5 mm	7.2 mm
Electrical and Physical Properties			
Conductor Resistance	26.0 Ω/km	19.5 Ω/km	13.3 Ω/km
Shield Resistance	/	/	/
Capacitance Between Conductors	/	/	/
Conductor and Shield Capacitance	/	/	/
Insulation Withstand Voltage	1.5 AC kv/min	1.5 AC kv/min	1.5 AC kv/min
Temperature Range	-20℃ ~ +70℃	-20℃ ~ +70℃	-20℃ ~ +70℃

ON-TWISTED SPEAKER CABLE

Straight external tight type speaker cable
Soft feel cable body and cost-effective
Suitable for fixed installation and mobile installations



Product Structure Parameters			
Model	**SP0038**	**SP0039**	**SP0040**
Complete Product Structure	(41/0.25BC+PVC3.1)*2C+PVC8.0	(50/0.25BC+PVC3.3)*2C+PVC8.2	(80/0.25BC+PVC3.9)*2C+PVC9.5
Conductor Specification	2x2.0mm² / 14AWG	2x2.5mm² / 13AWG	2x4.0mm² / 11AWG
Conductor Structure	OFC 41/0.25BC	OFC 50/0.25BC	OFC 80/0.25BC
Insulation Material | OD	PVC / 3.1 mm	PVC / 3.3 mm	PVC / 3.9 mm
Insulation Color	BK RD	BK RD	BK RD
Outer Insulation Material	Elastic PVC	Elastic PVC	Elastic PVC
Jacket Color	BK GY	BK GY	BK GY
Jacket OD	8.0 mm	8.2 mm	9.5 mm
Electrical and Physical Properties			
Conductor Resistance	9.7 Ω/km	7.98 Ω/km	4.95 Ω/km
Shield Resistance	/	/	/
Capacitance Between Conductors	/	/	/
Conductor and Shield Capacitance	/	/	/
Insulation Withstand Voltage	1.5 AC kv/min	1.5 AC kv/min	1.5 AC kv/min
Temperature Range	-20℃ ~ +70℃	-20℃ ~ +70℃	-20℃ ~ +70℃

Power Cables

POWER CABLE

- Power cable, suitable for integrated wiring

Product Structure Parameters	
Model	**PO0001**
Complete Product Structure	(50/0.25BC+PVC3.8)*3C+PVC10.5
Conductor Specification	3x2.5mm² / 13AWG
Conductor Structure	OFC 50/0.25BC
Insulation Material	PVC
Insulation Color	BU BN YE/GN
Outer Insulation Material	PVC
Jacket Color	BK
Jacket OD	10.5 mm

Electrical and Physical Properties	
Conductor Resistance	7.98 Ω/km
Shield Resistance	/
Capacitance Between Conductors	/
Conductor and Shield Capacitance	/
Rated Voltage	1.5 KV
Service Voltage	AC 300V
Temperature Range	-20℃ ~ +70℃

POWER CABLE

- Power cable, suitable for integrated wiring

Product Structure Parameters	
Model	**PO0002**
Complete Product Structure	(30/0.25BC+PVC3.0)*3C+PVC9.3
Conductor Specification	3x1.5mm² / 16AWG
Conductor Structure	OFC 30/0.25BC
Insulation Material	PVC
Insulation Color	BU BN YE/GN
Outer Insulation Material	PVC
Jacket Color	BK
Jacket OD	9.3 mm

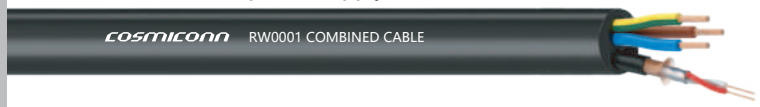
Electrical and Physical Properties	
Conductor Resistance	13.3 Ω/km
Shield Resistance	/
Capacitance Between Conductors	/
Conductor and Shield Capacitance	/
Rated Voltage	1.5 KV
Service Voltage	AC 300V
Temperature Range	-20℃ ~ +70℃

Combined Cables

COSMICONN

COMBINED CABLE

- AES/EBU & DMX + power supply combined control cable



Product Structure Parameters		
Model	**RW0001**	**RW0002**
Complete Product Structure	[(7/0.18BC+LDPE1.6)*2C+DW7/0.18TC+AL+PVC4.2]*1C +(30/0.25BC+PVC3.0)*3C+PPR+Non-woven+PVC11.0	[(7/0.18BC+LDPE1.6)*2C+DW7/0.18TC+AL+PVC4.2]*1C +(41/0.25BC+PVC3.3)*3C+PPR+Non-woven+PVC11.5
Conductor Specification	2x0.18mm² / 25AWG 3x1.5mm² / 15AWG	2x0.18mm² / 25AWG 3x2.0mm² / 14AWG
Conductor Structure	OFC 7/0.18BC 30/0.25BC	OFC 7/0.18BC 41/0.25BC
Insulation Material | OD	LDPE / 1.6mm PVC / 3.0mm	LDPE / 1.6mm PVC / 3.3mm
Insulation Color	RD WH/BN BU YE/GN	RD WH/BN BU YE/GN
Shield | Coverage	DW7/0.18TC AL 100%	DW7/0.18TC AL 100%
Inner Cover Material | OD	PVC / 4.2mm	PVC / 4.2mm
Inner Cover Color	BK	BK
Outer Insulation Material	Elastic PVC	Elastic PVC
Jacket Color	BK	BK
Jacket OD	11.0 mm	11.5 mm

Electrical and Physical Properties		
Conductor Resistance	112 Ω/km 13.3 Ω/km	112 Ω/km 9.7 Ω/km
Shield Resistance	117.8 Ω/km	117.8 Ω/km
Capacitance Between Conductors	48 pF/m	48 pF/m
Conductor and Shield Capacitance	97 pF/m	97 pF/m
Insulation Withstand Voltage	0.5 AC kv/min	0.5 AC kv/min
Temperature Range	-20℃ ~ +70℃	-20℃ ~ +70℃

COMBINED CABLE

- AES/EBU & DMX + power supply combined control cable

Product Structure Parameters	
Model	**RW0003**
Complete Product Structure	[(7/0.18BC+LDPE1.6)*2C+DW7/0.18TC+AL+PVC4.2]*1C+(50/0.25BC+PVC3.7)*3C+PPR+Non-woven+PVC11.8
Conductor Specification	2x0.18mm² / 25AWG 3x2.5mm² / 13AWG
Conductor Structure	OFC 7/0.18BC 50/0.25BC
Insulation Material | OD	LDPE / 1.6mm PVC / 3.7mm
Insulation Color	RD WH/BN BU YE/GN
Shield | Coverage	DW7/0.18TC AL 100%
Inner Cover Material | OD	PVC / 4.2mm
Inner Cover Color	BK
Outer Insulation Material	Elastic PVC
Jacket Color	BK
Jacket OD	11.8 mm

Electrical and Physical Properties	
Conductor Resistance	112 Ω/km 7.98 Ω/km
Shield Resistance	117.8 Ω/km
Capacitance Between Conductors	48 pF/m
Conductor and Shield Capacitance	97 pF/m
Insulation Withstand Voltage	0.5 AC kv/min
Temperature Range	-20℃ ~ +70℃

COMBINED CABLE

- AES/EBU & DMX + power supply combined control cable

Product Structure Parameters		
Model	**RW0004**	**RW0005**
Complete Product Structure	[(30/0.08BC+HDPE1.25)*2C+Cotton Yarn+AL+BD16/5/0.10TC +PVC4.5]*1C+(30/0.25BC+PVC3.0)*3C+PPR+Non-woven+PVC11.3	[(30/0.08BC+HDPE1.25)*2C+Cotton Yarn+AL+BD16/5/0.10TC +PVC4.5]*1C+(41/0.25BC+PVC3.3)*3C+PPR+Non-woven+PVC11.5
Conductor Specification	2x0.15mm² / 25AWG 3x1.5mm² / 15AWG	2x0.15mm² / 25AWG 3x2.0mm² / 14AWG
Conductor Structure	OFC 30/0.08BC 30/0.25BC	OFC 30/0.08BC 41/0.25BC
Insulation Material | OD	HDPE / 1.25mm PVC / 3.0mm	HDPE / 1.25mm PVC / 3.3mm
Insulation Color	BU WH/BN BU YE/GN	BU WH/BN BU YE/GN
Shield | Coverage	BD16/5/0.10TC 75% AL 100%	BD16/5/0.10TC 75% AL 100%
Inner Cover Material | OD	PVC / 4.5mm	PVC / 4.5mm
Inner Cover Color	BK	BK
Outer Insulation Material	Elastic PVC	Elastic PVC
Jacket Color	BK	BK
Jacket OD	11.3 mm	11.5 mm

Electrical and Physical Properties		
Conductor Resistance	132.4 Ω/km 13.3 Ω/km	132.4 Ω/km 7.98 Ω/km
Shield Resistance	33.4 Ω/km	33.4 Ω/km
Capacitance Between Conductors	55 pF/m	55 pF/m
Conductor and Shield Capacitance	113 pF/m	113 pF/m
Insulation Withstand Voltage	0.5 AC kv/min	0.5 AC kv/min
Temperature Range	-20℃ ~ +70℃	-20℃ ~ +70℃

COMBINED CABLE

- AES/EBU & DMX + power supply combined control cable

Product Structure Parameters	
Model	**RW0006**
Complete Product Structure	[(30/0.08BC+HDPE1.25)*2C+Cotton Yarn+AL+BD16/5/0.10TC+PVC4.5]*1C+(50/0.25BC+PVC3.7)*3C+PPR+Non-woven+PVC12.0
Conductor Specification	2x0.15mm² / 25AWG 3x2.5mm² / 13AWG
Conductor Structure	OFC 30/0.08BC 50/0.25BC
Insulation Material | OD	HDPE / 1.25mm PVC / 3.7mm
Insulation Color	BU WH/BN BU YE/GN
Shield | Coverage	BD16/5/0.10TC 75% AL 100%
Inner Cover Material | OD	PVC / 4.5mm
Inner Cover Color	BK
Outer Insulation Material	Elastic PVC
Jacket Color	BK
Jacket OD	12.0 mm

Electrical and Physical Properties	
Conductor Resistance	132.4 Ω/km 7.98 Ω/km
Shield Resistance	33.4 Ω/km
Capacitance Between Conductors	55 pF/m
Conductor and Shield Capacitance	113 pF/m
Insulation Withstand Voltage	0.5 AC kv/min
Temperature Range	-20℃ ~ +70℃

COMBINED CABLE

- AES/EBU & DMX + power supply combined control cable

Product Structure Parameters	
Model	**RW0007**
Complete Product Structure	[(30/0.08BC+HDPE1.25)*2C+Cotton Yarn+AL+BD16/5/0.10TC+PVC4.5]*1C+[(30/0.25BC+PVC3.0)*3C+PVC7.0]*1C+PPR+Non-woven+PVC14.5
Conductor Specification	2x0.15mm² / 25AWG 3x1.5mm² / 13AWG
Conductor Structure	OFC 30/0.08BC 30/0.25BC
Insulation Material | OD	HDPE / 1.25mm PVC / 3.0mm
Insulation Color	BU WH/BN BU YE/GN
Shield | Coverage	BD16/5/0.10TC 75% AL 100%
Inner Cover Material | OD	PVC / 4.5mm PVC / 7.0mm
Inner Cover Color	BK
Outer Insulation Material	Elastic PVC
Jacket Color	BK
Jacket OD	14.5 mm

Electrical and Physical Properties	
Conductor Resistance	132.4 Ω/km 7.98 Ω/km
Shield Resistance	33.4 Ω/km
Capacitance Between Conductors	55 pF/m
Conductor and Shield Capacitance	113 pF/m
Insulation Withstand Voltage	0.5 AC kv/min
Temperature Range	-20℃ ~ +70℃

COMBINED CABLE

- AES/EBU & DMX + power supply combined control cable

Product Structure Parameters		
Model	**RW0008**	**RW0009**
Complete Product Structure	[(7/0.18BC+LDPE1.6)*2C+DW7/0.18TC+AL+PVC4.2]*1C+[(50/0.25BC+PVC3.5)*3C+PVC8.5]*1C+PPR+Non-woven+PVC16.0	[(7/0.18BC+LDPE1.6)*2C+DW7/0.18TC+AL+PVC4.2]*1C+[(30/0.25BC+PVC3.0)*3C+PVC7.2]*1C+PPR+Non-woven+PVC14.3
Conductor Specification	2x0.18mm² / 25AWG 3x2.5mm² / 13AWG	2x0.18mm² / 25AWG 3x1.5mm² / 13AWG
Conductor Structure	OFC 7/0.18BC 50/0.25BC	OFC 7/0.18BC 30/0.25BC
Insulation Material | OD	LDPE / 1.8mm PVC / 3.5mm	LDPE / 1.8mm PVC / 3.0mm
Insulation Color	RD WH - BU BN YE/GN	RD WH - BU BN YE/GN
Shield | Coverage	DW7/0.18TC AL 100%	DW7/0.18TC AL 100%
Inner Cover Material | OD	PVC / 4.2mm	PVC / 4.2mm
Inner Cover Color	BK	BK
Outer Insulation Material	Elastic PVC	Elastic PVC
Jacket Color	BK	BK
Jacket OD	16.0 mm	14.3 mm

Electrical and Physical Properties		
Conductor Resistance	112 Ω/km 7.98 Ω/km	112 Ω/km 7.98 Ω/km
Shield Resistance	117.8 Ω/km	117.8 Ω/km
Capacitance Between Conductors	49 pF/m	49 pF/m
Conductor and Shield Capacitance	97 pF/m	97 pF/m
Insulation Withstand Voltage	0.5 AC kv/min	0.5 AC kv/min
Temperature Range	-20℃ ~ +70℃	-20℃ ~ +70℃

Premade Cables

COSMICONN

In recent years, SEETRONIC connectors has become more and more popular with customers at home and abroad. In the long-term communication with customers, we have learned that they are always troubled finding excellent cables. Therefore, with the strong support and expectation of many SEETRONIC loyal customers, COSMICONN brand was established to provide a variety of cable products and services for them.

Relying on Seetronic connectors and related technologies, COSMICONN premade cables offers high-quality premade cable products in specialized areas such as from microphone cables to DMX cables, guitar cables, speaker cables, network cables, power cables and combined cables

MICROPHONE SERIES

CMC-MF3-MM3-L
SCMF3-BG - SCMM3-BG
XLR 3 pole female - XLR 3 pole male - M Series
black shell, gold contacts

MICROPHONE SERIES

CMC-MF5-MM5-L
SCMF5 - SCMM5
XLR 5 pole female - XLR 5 pole male - M Series

MICROPHONE SERIES

CMC-SF3-SM3-L
SCSF3 - SCSM3
XLR 3 pole female - XLR 3 pole male - S Series

MICROPHONE SERIES

CMC-WF3-WM3-L
SCWF3 - SCWM3
XLR 3 pole female - XLR 3 pole male - W Series

AUDIO SERIES

CMC-MF3-PM-L
SCMF3 - MP2X
XLR 3 pole female - 6.35mm mono plug

AUDIO SERIES

CMC-MM3-PM-L
SCMM3-BG - MP2X-BG
XLR 3 pole male - 6.35mm mono plug

AUDIO SERIES

CMC-SF5-PS-L
SCSF3 - MP3X
XLR 3 pole female - 6.35mm stereo plug

AUDIO SERIES

CMC-SF5-PS-L
SCSF5-BG - MP3X-BG
XLR 5 pole female - 6.35mm stereo plug
black shell, gold contacts

AUDIO SERIES

CMC-MF3-TPR-L
SCMF3-BG - MTP3RC-BG
XLR 3 pole female - 3.5mm stereo right angle plug
black shell, gold contacts

AUDIO SERIES

CMC-MF3-TP-L
SCMF3 - MTP3C
XLR 3 pole female - 3.5mm stereo plug

AUDIO SERIES

CMC-MM5-TP-L
SCMM5 - MTP3C
XLR 5 pole male - 3.5mm stereo plug

AUDIO SERIES

CMC-TP-TP-L
MTP3C-BG - MTP3C-BG
6.35mm mono plug - 6.35mm mono plug
black shell, gold contact

AUDIO SERIES

CMC-TP-RM-L
MTP3C-BG - MT380
3.5mm stereo plug - RCA plug

AUDIO SERIES

CMC-PS-PS-L
MP3X - MP3X
6.35mm stereo plug - 6.35mm stereo plug

AUDIO SERIES

CMC-PM-TP-L
MP2X-BG - MTP3C-BG
6.35mm mono plug - 3.5mm stereo plug
black shell, gold contact

AUDIO SERIES

CMC-PM-RM-L
MP2X-BG - MT380
6.35mm mono plug - RCA plug
black shell, gold contact

AUDIO SERIES

CMC-PS-TP-L
MP3X - MTP3C-BG
6.35mm stereo plug - 3.5mm stereo plug

AUDIO SERIES

CRC-MF3-2MM3-L
SCMF3 transfer two SCMM3
XLR 3 pole female - 2 XLR 3 pole male

AUDIO SERIES

CMC-MM3-2MF3-L
SCMM3 transfer two SCMF3
XLR 3 pole male - 2 XLR 3 pole female

INSTRUMENT SERIES

CGT-PM-PM-L
MP2X - MP2X
6.35mm mono plug - 6.35mm mono plug

INSTRUMENT SERIES

CGT-PM-PMR-L
MP2X - MP2RX
6.35mm mono plug - 6.35mm mono right angle plug

INSTRUMENT SERIES

CGT-PM-PMR-L
MP2X-BG - MP2RX-BG
6.35mm mono plug - 6.35mm mono right angle plug
black shell, gold contact

INSTRUMENT SERIES

CGT-PMR-PMR-L
MP2RX-BG - MP2RX-BG
6.35mm mono right angle plug - 6.35mm mono right angle plug
black shell, gold contact

DMX-512 SERIES

CDM-MF3-MM3-L
SCMF3 - SCMM3
XLR 3 pole female - XLR 3 pole male - M Series

DMX-512 SERIES

CDM-MF5-MM5-L
SCMF5-BG - SCMM5-BG
XLR 5 pole female - XLR 5 pole male - M Series
black shell, gold contacts

DMX-512 SERIES

CDM-SF3-SM3-L
SCSF3 - SCSM3
XLR 3 pole female - XLR 3 pole male - S Series

DMX-512 SERIES

CDM-WF3-WM3-L
SCWF3-B - SCWM3-B
XLR 3 pole female - XLR 3 pole male - W Series

SPEAKER SERIES

CSP-4FC-4FC-L
ML4FC-X - ML4FC-X
4 pole loudspeaker 30A

SPEAKER SERIES

CSP-4FX-4FX-L
SL4FX-N - SL4FX-N
4 pole loudspeaker 40A

SPEAKER SERIES

CSP-4FX-PM-L
SL4FX-N - MP2X
4 pole loudspeaker 40A - 6.35mm mono plug

SPEAKER SERIES

CSP-DF4-DF4-L
SLDF4 - SLDF4
4 pole loudspeaker 50A, female

SPEAKER SERIES

CSP-DM4-DM4-L
SLDM4 - SLDM4
4 pole loudspeaker 50A, male

POWER SERIES

CPO-CA-CB-L
SAC3FCA - SAC3FCB
Indoor power-in, power-out

POWER SERIES

CPO-CAW-CBW-L
SAC3FCA-N-W - SAC3FCB-N-W
Outdoor power-in, power-out

POWER SERIES

CPO-FX-MX-L
SAC3FX - SAC3MX
Outdoor power-in, power-out

OVERMOLDED POWER CABLE SERIES

CPO-FX-USP-L
SAC3FX - American plug
UL CUL 14AWG (2.08mm²)

OVERMOLDED POWER CABLE SERIES

CPO-FX-EUP-L
SAC3FX - Schuko plug
VDE H07RN-F 3G 2.5mm²

OVERMOLDED POWER CABLE SERIES

CPO-FX-CNP-L
SAC3FX - China plug right angle
CCC 450/750V 3x1.5mm²

OVERMOLDED POWER CABLE SERIES

CPO-CA-USP-L
SAC3FCA - American plug
UL CUL 14AWG (2.08mm²)

NETWORK SERIES

CCA-MC1-MC1-L
SE8MC-1-NEW - SE8MC-1-NEW
Indoor Ethernet cable

NETWORK SERIES

CCA-MC2-MC2-L
SE8MC-02-B-NEW - SE8MC-02-B-NEW
Outdoor Ethernet cable

NETWORK SERIES

CCA-MC5-MC5-L
SE8MC-05-NEW - SE8MC-05-NEW
Outdoor Ethernet cable

COMBINED SERIES

CRW-CAMF3-CBMM3-L
SAC3FCA : SCMF3 - SAC3FCB : SCMM3
Indoor signal and power supply combined in one piece
DMX 2x0.18mm² (25AWG), power supply 3x2.5mm² (13AWG)

COMBINED SERIES

CRW-FXWF3-MXWM3-L
SAC3FX : SCWF3 - SAC3MX : SCWM3
Outdoor signal and power supply combined in one piece
DMX 2x0.18mm² (25AWG), power supply 3x2.5mm² (13AWG)

Bulk Cable Number Ordering

MC 0001 A - 001 3 - 100M
① ② ③ ④ ⑤ ⑥

①	Cable Type	Microphone	MC
		DMX - AES/EBU	DM
		Speaker	SP
		Instrument	GT
		Combined	RW
		Network	CA
		Power	PO
②	Cable Specifications	Refer cable parameters	0001-9999
③	Jacket Color	Black	A
		Brown	Z
		Red	R
		Orange	O
		Yellow	Y
		Green	G
		Blue	B
		Purple	P
		Gray	H
		White	W
④	Jacket Printing	No printing	000
		Standard	001
		Neutral	002
		Customized	003-999
⑤	Packing Method	Pre-cut	0
		No reel	1
		Paper reel	2
		Plastic reel	3
		Wood reel	4
⑥	Length	Length in meters	100 meters

Premade Cable Number Ordering

C MC01 - MF3 - PM - 1.5
① ② ③ ④ ⑤

①	Cable Brand	COSMICONN	C	
②	Cable Type	Microphone	MC	
		DMX - AES/EBUs	DM	
		Instrument	GT	
		Network	CA	
		Speaker	SP	
		Combined	RW	
		Power	PO	
		Cable Specification	01-99	
③	Connector Type 1	RJ45 Series	MC*	SE8MC-(*1/2/5)-NEW
④	Connector Type 2	Power Series	CA, CB	SAC3FCA, SAC3FCB
			CAW, CBW	SAC3FCA-N-W, SAC3FCB-N-W
			FX, MX	SAC3FX, SAC3MX
		XLR Series	MF*, MM*	SCMF*3/4/5, SCMM*3/4/5
			SF*, SM*	SCSF*3/4/5, SCSM*3/4/5
			WF*, WM*	SCWF*3/4/5, SCWM*3/4/5
		1/4” Plug Series	PM	Plug mono
			PS	Plug stereo
			PMR	Plug mono right angle
			PSR	Plug stereo right angle
		3.5mm Plug Series	TP	MTP3C or M2TP3C
			TPR	MTP3RC or M2TPR3C
		RCA Series	RM, RF	MT380 (male), MT390 (female)
		Loudspeaker Series	4FC, 4FX, DF4, DM4	ML4FC, SL4FX-N, SLDF4, SLDM4
		Power Plug	CNP, EUP, USP	CNP-China, EUP-Europe, USP-America
		No Connector	NC	
⑤	Length	Length in meters	1.5	1.5 m

For further information and inquiries:

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