

## OC- FOC Series

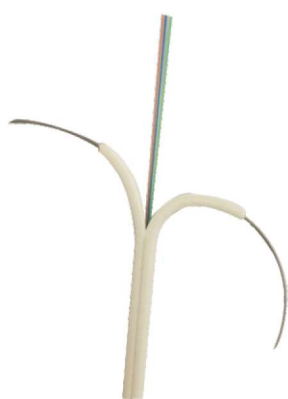
### FTTH Drop Cable

GJXH

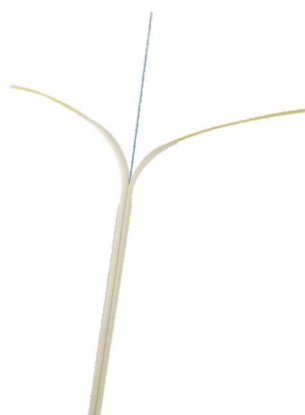
GJXFH

GJYXCH

GJYXFC



GJXH



GJXFH



GJYXCH



GJYXFC

### Product features

1. Good performance on anti-interference and pressure , Small bending radius .
2. Light weight and small diameter and easy for indoor insatallation .
3. Unique design ensure easy and fast installation in building with different connectors .

### Scope of application

This product is applicable for indoor wiring and aerial lead-in between optical distribution point and user access point.

### Technical Parameters

Nominal type mm	GJXH		GJXFH		GJYXCH		GJYXFCH	
	Com.	Sep.	Com.	Sep.	Com.	Sep.	Com.	Sep.
	2.0x3.0±0.1	2.0x6.0±0.1	2.0x3.0±0.1	2.0x6.0±0.1	2.0x5.0±0.1	2.0x8.0±0.1	2.0x5.0±0.1	2.0x8.0±0.1
Min. long-term tensile Strength N	100		40		300		300	
Minlong-term crush resistance N	1000		500		1000		1000	
Max. optic fiber att. after cabling dB/km	1310nm:0.40							
	1550nm:0.30							

## OC- FOC Series

### Outdoor Central Tube Fiber Optic Cable

GYXTW

GYXTY

GYFXTY

GYXTS



GYXTW



GYXTY



GYFXTY

#### Product features

1. Central loose tube design with good hydrolysis resistance and high strength
2. Gel-filled loose tube protect fiber well

#### Scope of application

This product is widely used for signal transmission of telecommunication, power supply and radio & television departments.



GYXTS

#### Technical Parameters

	GYXTW	GYXTY	GYFXTY	GYXTS
Min. long-term tensile force N	1000	1000	600	600
Min.long-term crush resistance N	1000	1000	300	300
Min. thickness between outer reinforcement edge and sheath flange mm	0.8	0.8	0.8	0.8
Nominal min. sheath thickness mm	1.8	1.8	1.8	1.8
Max. optic fiber att. after cabling dB/km	1310nm:0.36			
	1550nm:0.22			

## OC- FOC Series

### Outdoor Stranded Fiber Optic Cable

GYTA

GYTS

GYTZA

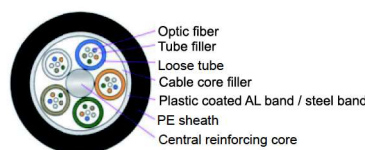
GYTzs

GYFTY

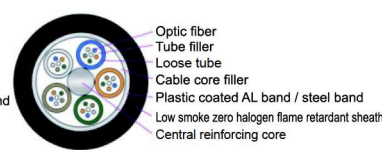
GYTA53

GYTA33

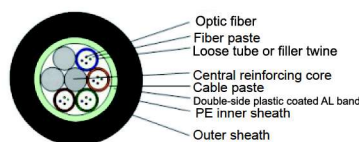
GYTC8A



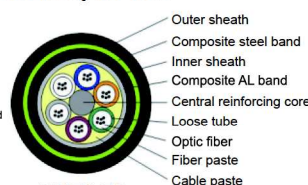
GYTA/GYTS



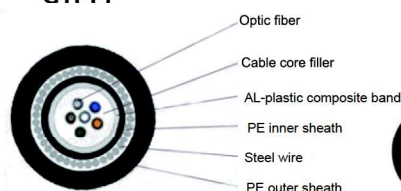
GYTZA/GYTzs



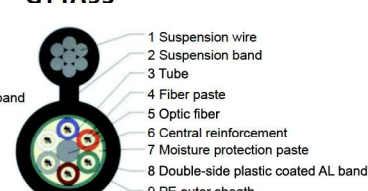
GYFTY



GYTA53



GYTA33



GYTC8A

### Product features

1. S-Z Stranded design , gel-filled loose tube protect fiber well .
2. Good tensile and temperature performance
3. According to customer request offer Metal , GF or Armor reinforcement meeting tensile and crush performance
4. Good water resistance performance
5. Applications: Duct and non-self supporting aerial

### Laying environment

GYTA	Duct, non-self Supporting Aerial	GYTA53	Directly buried, non-self-supporting aerial laying
GYTS	Duct, non-self Supporting Aerial	GYTA33	Underwater laying, directly buried
GYFTY	Duct, non-self Supporting Aerial	GYTC8A	Directly buried, non-self-supporting
GYTZA	Pipeline, non-self-supporting aerial laying	GYTzs	Entering buildings, tunnel laying non-self-supporting aerial laying

### Technical Parameters

		GYTA/GYTS/GYFTY/GYTZA	GYTA53	GYTA33	GYTC8A
Min. long-term tensile force N		600	1000	4000	3000
Min. long-term crush resistance N		1000	1000	3000	1000
Min. nominal sheath thickness mm	Inner sheath	/	1.0	1.0	1.0 (Suspension wire)
	Outer sheath	2.0	2.0	2.0	2.0
Max. optic fiber att. after cabling dB/km		1310nm: 0.36			
		1550nm: 0.22			

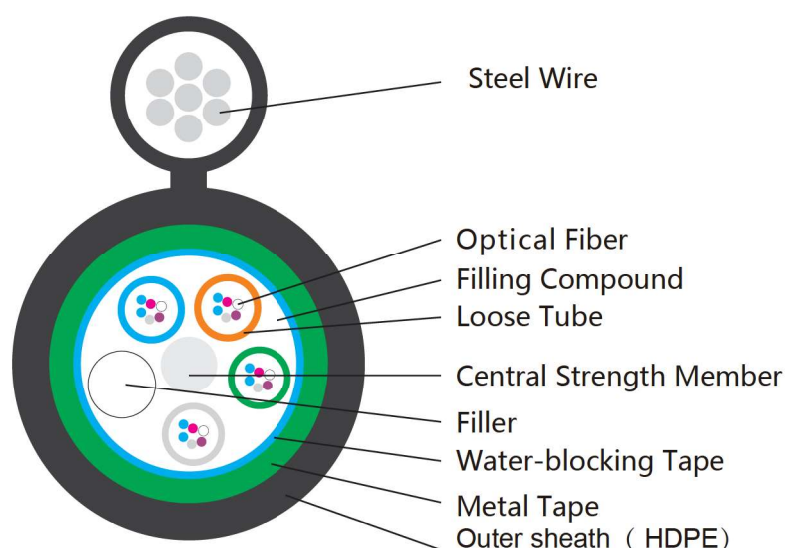
## OC- FOC Series

### Fig 8 Self-Supporting Aerial Cable

GYTC8S

#### Product features

1. Self-supporting aerial, good anti-tensile force to decrease installation cost
2. Gel-filled loose tube to protect fiber well
3. According to customer request, offering metal, GF or armer reinforcement for good crush performance
4. Good water resistance performance



#### Scope of application

Fig 8 self-supporting Aerial cable is suitable for long distance transmission and local network communication.

#### Technical Parameters

Cores	Dia. of Cable (mm)	Weight of Cable (kg/km)	Short term tensile strength (N)	Short term Crush Resistance (N/100mm)
2-30	9.2x5.0	150	3000	1000
32-60	9.9x5.0	170	3000	1000
62-72	10.4x5.0	180	3000	1000

Note: according to user's demand, we can provide 144 core cable and below GYTC8S and GYTC8Y53 cable as well as 8 cable under different tension. Storage temperature: - 40 °C to + 60 °C



## OC- FOC Series

### Prefabricated Formed Rubber-Covered Fiber Optic Cable

GJXH

GJXFH

GJYXCH

GJYXFCH

#### Product features

1. Customized length with appointed connector , Low insertion loss
2. Easy installation



#### Scope of application

This product is applicable for TV network, telecommunication network, computer fiber optic cable network and fiber optic cable testing devices.

#### Technical Parameters

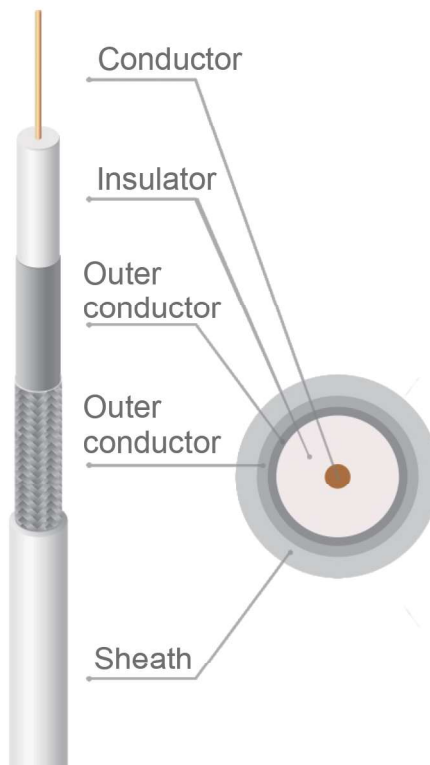
No. of cores	Dynamic bend radius mm	Static bend radius mm	Insertion loss dB	Return loss dB	1310nm att. series dB/km	1550nm att. series dB/km
1-2 cores	$\geq 40D$	$\geq 20D$	$\leq 0.4$	UPC $\geq 40$ APC $\geq 60$	$\leq 0.40$	$\leq 0.30$

## OC- COAXIAL Series

### User Cable SYWV-75-5

#### Product features

1. Pre-installed cable , customized length with appointed connector
2. Stable quality
3. Easy installation .



#### Scope of application

The product is applicable for UT connection of CATV system.

#### Technical Parameters

Item	Dia. of inner connector	Outer cable dia.	F-type Connector	Attenuation	Shielding effectiveness	Attenuation of Connector
Parameters	1.00±0.02mm	7.00±0.10mm	IEC or F Connector	1000MHz att. ≤0.220dB/m	≥ 70 dB	≤0.18dB

## OC- COAXIAL Series

### Self-Supporting Cable

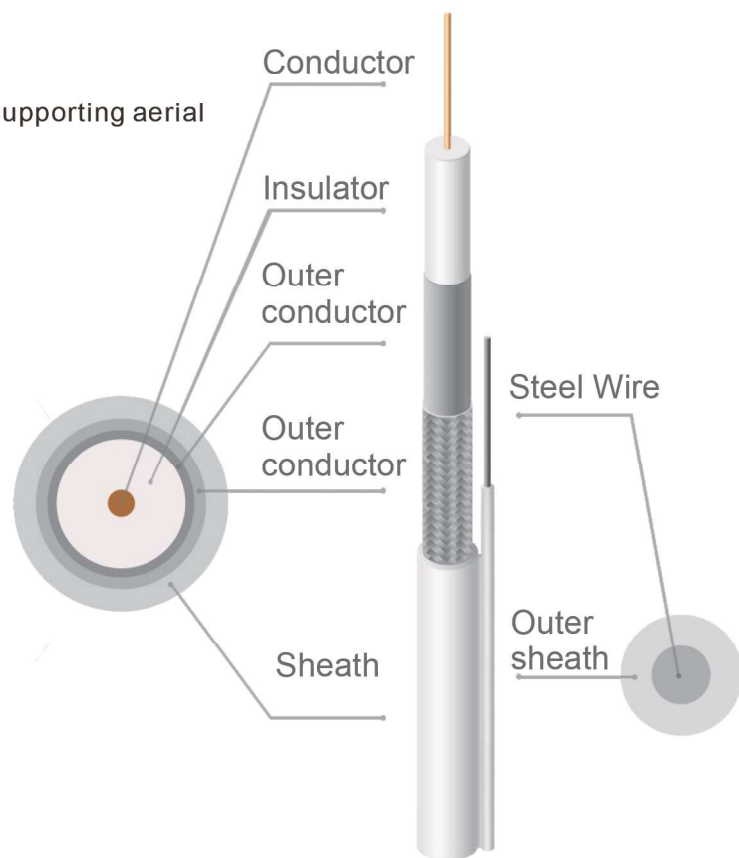
RG6

RG11

SYWY-75-9

#### Product features

1. Good water resistance performance
2. Low attenuation , high insertion loss
3. High-strength steel wire ensure self-supporting aerial use , decrease installation charge.



#### Scope of application

This product is suitable to be used by far-end separated users transmitting RF signals  $\leq 1000\text{MHz}$ .

#### Technical Parameters

	RG6	RG11	SYWY-75-9
Dia. of conductor	$1.02 \pm 0.02\text{mm}$	$1.66 \pm 0.02\text{mm}$	$2.15 \pm 0.02\text{mm}$
Dia. of suspension wire	$1.00 \pm 0.02\text{mm}$	$1.60 \pm 0.02\text{mm}$	$2.00 \pm 0.02\text{mm}$
Dia. of cable	$7.10 \pm 0.10\text{mm}$	$10.3 \pm 0.30\text{mm}$	$12.3 \pm 0.30\text{mm}$
Impedance	$75 \pm 2.5\Omega$	$75 \pm 2.5\Omega$	$75 \pm 2.5\Omega$
1000 MHz attenuation.	22.0dB/km	14.4dB/km	11.3dB/km

## OC- COAXIAL Series

### Braided Shield Series

SYWV-75-5

SYWV-75-7

SYWV-75-9

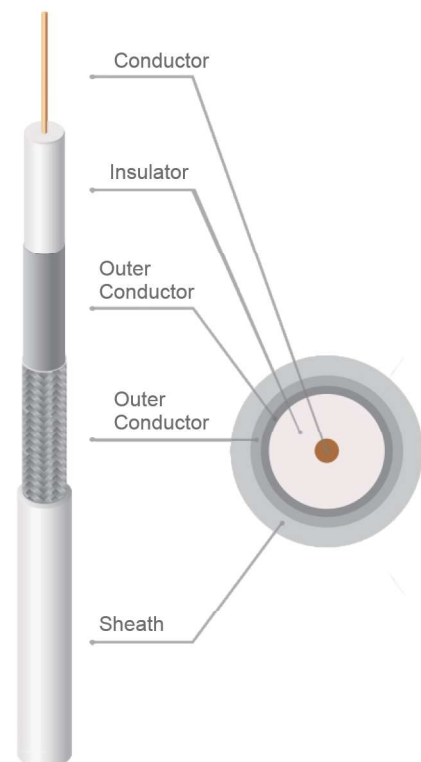
SYWV-75-12

#### Product features

1. Good water-blocking performance
2. High-density brading meet shielding performance
3. Low attenuation, High return loss and good flexibility

#### Scope of application

This product is applicable for CATV trunk lines and branch networks.



#### Technical Parameters

	-5	-7	-9	-12
Dia. of inner conductor (mm)	1.01±0.01	1.66±0.01	2.15±0.01	2.77±0.01
Dia. of braided cable 0.12mm, no. of nets	64/96	72/96	96/120	96/128
Dia. of cable mm	7.2±0.3	10.3±0.3	12.3±0.3	15.1±0.3
Impedance Ω	75±3.0	75±2.5	75±2.5	
Max. 1000 MHz attenuation dB / 100m	22.0	14.4	11.3	8.5
Min return loss for over 300MHz dB	20	20	20	20



## OC- COAXIAL Series

### Aluminium Tube Series

SYWLY-75-9

SYWLY-75-12

SYWLY-75-13

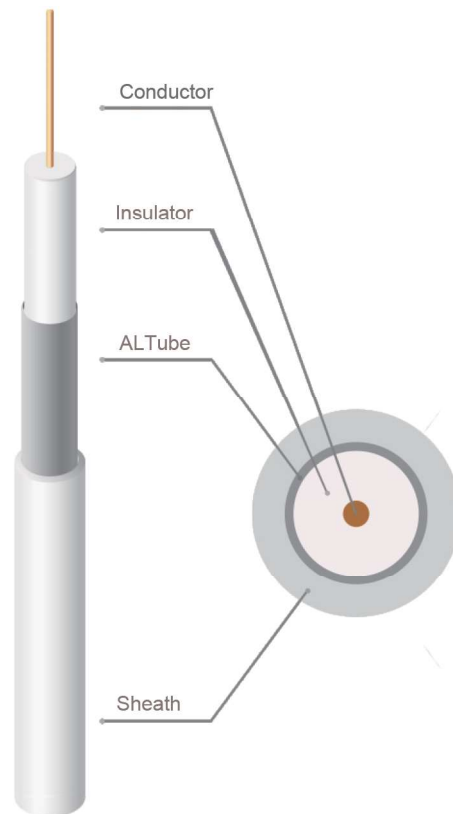
SYWLY-75-15

#### Product features

1. Good water resistance performance
2. Low attenuation , high insertion loss
3. Excellent product shielding effectiveness

#### Scope of application

This product is applicable for CATV trunk line project.



#### Technical Parameters

	-9	-12	-13	-15
Dia. of inner conductor mm	2.15±0.01	2.77±0.02	3.15±0.021	3.50±0.02
Dia. of cable mm	12.3±0.2	15.2±0.2	15.8±0.3	18.2±0.3
Impedance Ω	75±2.5	75±2.0	75±2.0	75±2.0
Max. 1000 MHz attenuation dB / 100m	11.3	8.5	8.0	7.3
Min return loss for over 300MHz dB	20	20	20	20

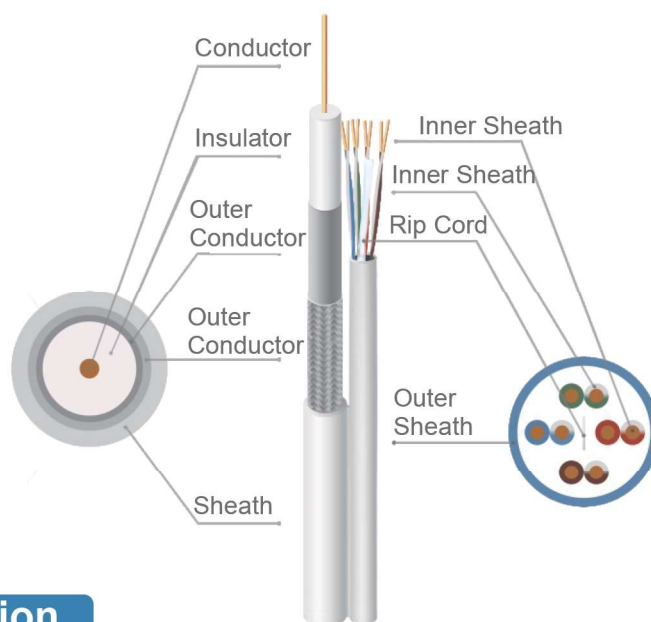
## OC- Combined Series

### Coaxial + Twisted-Pair Cable

**SYWV-75-5 + HSYV-5E**

#### Product features

1. Composed by coaxial cable and Twist pair, used for cable tv signal and broadband data transmission both .
2. Decrease installation cost with easy tearing and wiring .



#### Scope of application

This product is applicable for transmission of RF signals being equal to or less than 1000MHz and data / audio / video signals with the broad band being 100MHz.

#### Technical Parameters

Dimension		Performance	
Coaxial	Twisted-pair	Coaxial	Twisted-pair
Dia. of inner cond.: $1.00 \pm 0.02\text{mm}$ Outer cable dia.: $7.00 \pm 0.10\text{mm}$	Dia. of inner cond.: $0.50 \pm 0.005\text{mm}$ Outer cable dia.: $5.35 \pm 0.10\text{mm}$	Impedance: $75 \pm 3\Omega$ 1000MHz att.: $\leq 24\text{ dB/km}$ ; Shielding effectiveness: $\geq 70\text{dB}$	Impedance: $100 \pm 15\Omega$ hase delay: $\leq 45\text{ns}/100\text{m}$

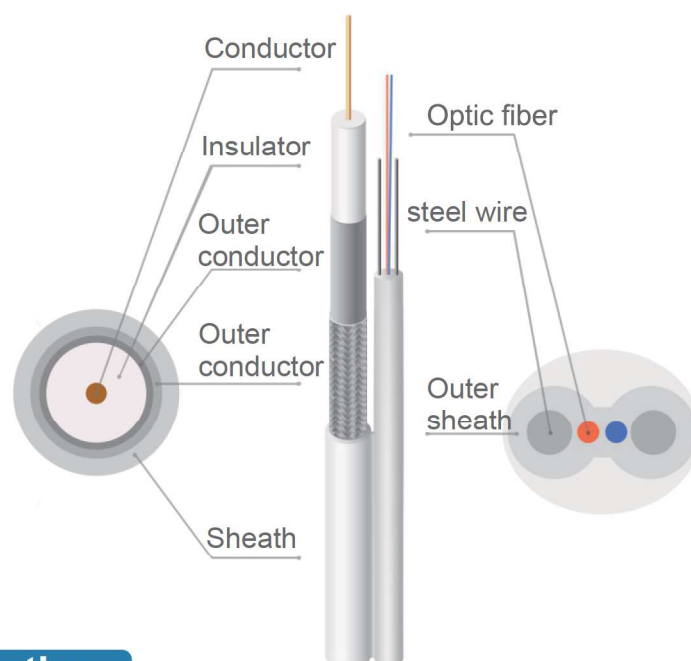
## OC- Combined Series

### Coaxial + Rubber-Covered Cable

SYWV-75-5 + GJXH-2B6a

#### Product features

1. Composed by coaxial cable and fiber cable , capable for cable tv signal and fiber network data transmission both .
2. Decreasing installation cost with easy tearing and wiring .



#### Scope of application

This product is applicable for transmission of RF signals being equal to or less than 1000MHz and for being used as the lead-in of FTTH, FTTO and FTTB networks etc.

#### Technical Parameters

Dimension		Performance	
Coaxial	Rubber-covered	Coaxial	Rubber-covered
Dia. of inner cond.: 1.00±0.02mm Outer cable dia.: 7.00±0.10mm	Color order of optic fiber: blue, orange; Structure of rubber-covered cable: 2.0 x 3.0 ± 0.1mm	Impedance: 75±3Ω 1000MHz att.: ≤24 dB/km; Shielding effectiveness: ≥ 70dB	1310nm max.att.:0.40 dB / km; 1550nm max.att.:0.30 dB / km;

## OC- Combined Series

### Optic / Power Composite Cable

GDTA-24B1.3 + RV2×1.5

#### Product features

1. Excellent mechanical and environment performance
2. Good water resistance performance
3. All dielectric material good for application in thunder area



#### Scope of application

The optic / power composite cable can be used as the transmission line of the broadband access network system. This product is in relation to new type of access mode and can be used to solve problems of broad band access, equipment power supply and signal transmission since optic fiber and power supply copper lines are involved.

#### Technical Parameters

Performance			
Fiber optic cable	1310nm max.att.:0.36 dB / km; 1550nm max.att.:0.22 dB / km;	Min. thickness of sheath: 1.8mm	Water seepage compliance
Power cable	RV2×1.5	Min. thickness of insulator: 0.70mm	Max. impedance of conductor: 13.3Ω/KM

## OC- Ethernet Series

### Horizontal Twisted Pair Cable

HSYV-3

HSYV-5E

HSYV-5

HSYV-6



#### Product features

1. High-speed series insulation process, high insulation concentricity;
2. Low attenuation, low crosstalk, wide transmission bandwidth and high transmission rate,
3. Enviroment-friendly Flame retardant material used .

#### Scope of application

This product is applicable for Ethernet transmission at 100Mbps or other application system with the transmission rate reaching up to 622Mbps as well as 10Mbps Ethernet, 4Mbps / 16Mbps token ring networks, language application, digital telephone facsimile, SPC exchange access and integrated telephone network wiring.

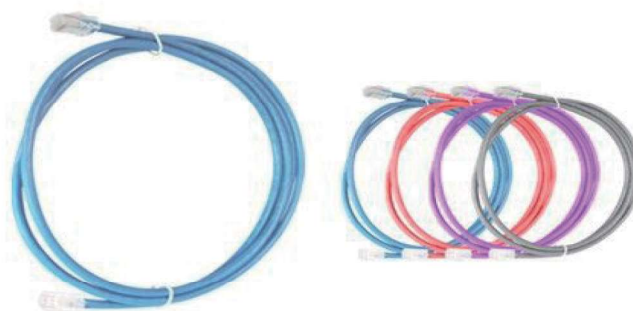
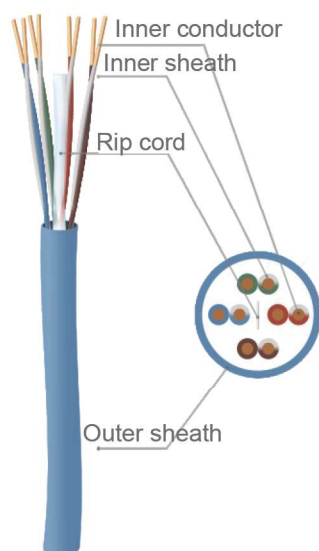
#### Technical Parameters

	HSYV-3	HSYV-5	HSYV-5E	HSYV-6
Dia. of inner conductor mm	0.40±0.005	0.50±0.005	0.51±0.005	0.57±0.005
Min. Thickness of sheath mm	0.40	0.40	0.40	0.40
Freq. MHz	4~16	4~100	4~100	4~250
Far-end crosstalk att. 16MHz (dB / 100m)	14.9	36.9	39.9	43.9
Return loss 16 MHz (dB)	10	20	25	25



## OC- Ethernet Series

### Jumper

**HSYV-5**

### Product features

1. Pre-installed cable , customized length with appointed connector
2. Stable quality
3. Easy installation .

### Scope of application

This product is applicable for connection of devices such as integrator, server and computer.

### Technical Parameters

Item	Type of connector	Outer dia. of cable	Perf.	Impedance	Phase delay	Insertion loss
<b>Indic.</b>	RJ-45/RJ-11	5.35±0.15mm		100±15Ω	≤ 45ns/100m	≤1dB

## OC- PVC Cable Series

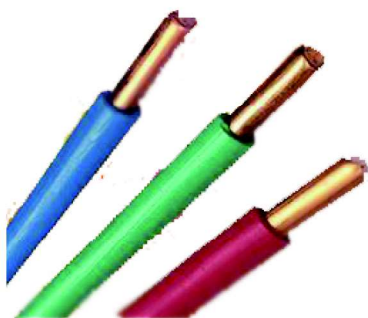
### PVC Insulated Wire And Cable

BV

BVVB

BVR

RVV



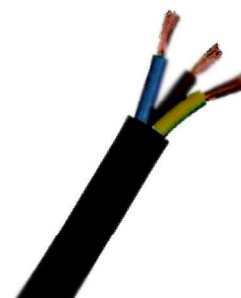
BV



BVVB



BVR



RVV

#### Product features

1. Copper conductor ensure good electrical conductivity and lower power loss
2. Good electrical insulation performance
3. Enviroment-friendly Flame retardant material used .

#### Scope of application

These products are applicable for electrical devices, instrument / resistance equipment and power cable wiring for power & lighting system, control boxes and signal transmission system, alarm system and building conversational system.

#### Technical Parameters

The technical indicators are in compliance with the national and industrial standard. The products have been printed with manufacturer, works code, CCC mark and implementation standard etc.