



# ***CABLE***

**Professional Cable Manufactory**

**2011**  
EDITION



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## OUR MANUFACTORY



## About us

中国江苏省常州市宇扬进出口有限公司是专业从事各类电子产品进出口的专门化公司,公司下属2个全资的电线电缆生产工厂:常州市武进金阳光电子有限公司和常州市鸿鼎电子有限公司,工厂专业生产高清晰数据线 HDMI 线及相关产品, USB 2.0/3.0 线, 网络线,电话线,喇叭线,电源线及各种音视频连接线等. 产品销往世界各地,如美国,欧洲,俄罗斯, 乌克兰, 南美,中东, 非洲等. 我司是HDMI协会的会员, 并已取得了美国UL认证. 我司将本着“诚信”和“质优价廉”的原则与世界各地客户展开广泛和深入的合作.

CHINA JIANGSU CHANGZHOU YUYANG IMPORT & EXPORT COMPANY LTD is dealing with importing and exporting all kinds of electronic products. Our company now has two wholly-owned manufacturing factories: CHANGZHOU WUJIN GOLDEN SHINE ELECTRONIC CO., LTD. and CHANGZHOU HONGDING ELECTRONIC CO., LTD. Our factories are specialized in designing and manufacturing all kinds of cables, including HDMI cables, HDMI & AV converters/splitters/switches,USB 2.0 & 3.0 CABLES, LAN cables, telephones cables, speaker cables, power cables and various audio video cables etc. We are selling the goods all over the world with good quality and competitive prices, for example,USA,Europe,Russia,Ukraine,South America, Middle-east and Africa etc.We are HDMI associate member and we have got UL approval. We'll cooperate with customers from various countries on basis of honesty and integrity.

# WEAVING CABLE MACHINES



# TESTING-EQUIPMENTS



## OUR CERTIFICATE

**HDMI**™ Certificate #48660

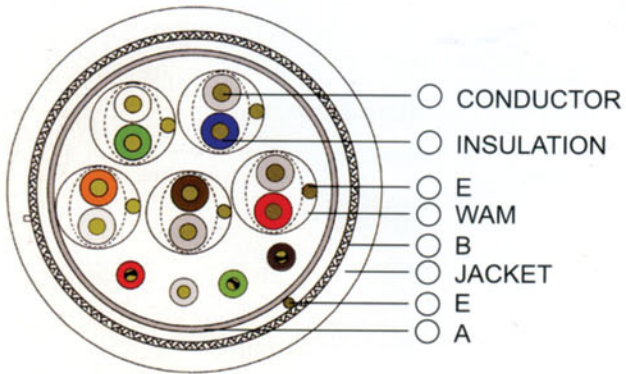


Approval:AVLV2.E345150

| CONFIRMATION OF<br>HDMI® ATC TESTING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| This Tested Product identified below has successfully completed testing at the HDMI Authorized Test Center with respect to the Test Specification listed below.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                |
| <b>PARTICIPANT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>TESTED PRODUCT</b>                                                          |
| Contact: <u>Gao Yang</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Category (i.e. Source, Sink, Repeater, Cable): <u>Cable-Standard, Ethernet</u> |
| Company: <u>CHANGZHOU YUYANG IMPORT &amp; EXPORT COMPANY LTD</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Parent Model Name(s): <u>HDMI Type A to Type A cable</u>                       |
| Address: <u>Room 807-809 Building No.2,Fuchen Building No.8 Taihu East Road,Xinbei District,Changzhou,Jiangsu,China</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Parent Model Number(s): <u>HDMI-28-5M (5M/28AWG)</u>                           |
| Phone: <u>(86) 51985159828</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Derivative Model Name(s) and Number(s) (supplied by Participant, not tested):  |
| Email: <u>gaoyang@yuyangelec.com</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                |
| <b>TEST CONFIRMATION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                |
| Date of Issue: <u>Oct.13th, 2010</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Test Specification: <u>1.4a</u>                                                |
| Test Center: <u>Shanghai</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Confirmed by: <u>Dan Tran</u>                                                  |
| <p>Notes:</p> <p>1. This confirmation is subject to the terms and conditions of the Authorized Test Center Agreement, and does not guarantee the quality or functionality of any product, compliance with any specification, or interoperability with other HDMI products. Participant is solely responsible for the quality, functionality, interoperability and specification conformance of Participant's products.</p> <p>2. This confirmation is based upon the information Participant has supplied and Participant's representation that the products listed under "Derivative Model Name(s)" have the same hardware and software as the Tested Product and would successfully pass all the HDMI ATC tests.</p> |                                                                                |
| <p>Certificate # 48660</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                |

| UL ONLINE CERTIFICATIONS DIRECTORY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |                                             |      |      |      |       |       |  |  |      |      |      |      |  |  |  |  |                                               |  |  |  |  |  |  |  |      |      |      |      |      |      |       |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------|------|------|------|-------|-------|--|--|------|------|------|------|--|--|--|--|-----------------------------------------------|--|--|--|--|--|--|--|------|------|------|------|------|------|-------|-------|
| <a href="#">Home</a> <a href="#">Quick Guide</a> <a href="#">Contact Us</a> <a href="#">UL.com</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |                                             |      |      |      |       |       |  |  |      |      |      |      |  |  |  |  |                                               |  |  |  |  |  |  |  |      |      |      |      |      |      |       |       |
| <p>AVLV2.E345150<br/>Appliance Wiring Material - Component</p> <p><a href="#">Page Bottom</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |                                             |      |      |      |       |       |  |  |      |      |      |      |  |  |  |  |                                               |  |  |  |  |  |  |  |      |      |      |      |      |      |       |       |
| <p>Appliance Wiring Material - Component</p> <p><a href="#">See General Information for Appliance Wiring Material - Component</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |                                             |      |      |      |       |       |  |  |      |      |      |      |  |  |  |  |                                               |  |  |  |  |  |  |  |      |      |      |      |      |      |       |       |
| <p><b>CHANGZHOU YUYANG IMPORT &amp; EXPORT CO LTD</b> <span style="float: right;">E345150</span><br/>           ROOM 807-809 BLDG 2<br/>           FUCHEN BLDG<br/>           8 TAIHU EAST RD XINBEI DISTRICT<br/>           CHANGZHOU, JIANGSU 213022 CHINA</p>                                                                                                                                                                                                                                                                                                                                                                                    |      |                                             |      |      |      |       |       |  |  |      |      |      |      |  |  |  |  |                                               |  |  |  |  |  |  |  |      |      |      |      |      |      |       |       |
| <p><b>Table of Recognized Styles</b></p> <table border="1"> <thead> <tr> <th colspan="8">Single-conductor, thermoplastic insulation.</th> </tr> </thead> <tbody> <tr> <td>1007</td> <td>1095</td> <td>1185</td> <td>1375</td> <td colspan="4"></td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="8">Multiple-conductor, thermoplastic insulation.</th> </tr> </thead> <tbody> <tr> <td>2464</td> <td>2560</td> <td>2725</td> <td>2835</td> <td>2919</td> <td>2990</td> <td>20251</td> <td>20276</td> </tr> </tbody> </table>                                                                                                |      | Single-conductor, thermoplastic insulation. |      |      |      |       |       |  |  | 1007 | 1095 | 1185 | 1375 |  |  |  |  | Multiple-conductor, thermoplastic insulation. |  |  |  |  |  |  |  | 2464 | 2560 | 2725 | 2835 | 2919 | 2990 | 20251 | 20276 |
| Single-conductor, thermoplastic insulation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |                                             |      |      |      |       |       |  |  |      |      |      |      |  |  |  |  |                                               |  |  |  |  |  |  |  |      |      |      |      |      |      |       |       |
| 1007                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1095 | 1185                                        | 1375 |      |      |       |       |  |  |      |      |      |      |  |  |  |  |                                               |  |  |  |  |  |  |  |      |      |      |      |      |      |       |       |
| Multiple-conductor, thermoplastic insulation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                                             |      |      |      |       |       |  |  |      |      |      |      |  |  |  |  |                                               |  |  |  |  |  |  |  |      |      |      |      |      |      |       |       |
| 2464                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2560 | 2725                                        | 2835 | 2919 | 2990 | 20251 | 20276 |  |  |      |      |      |      |  |  |  |  |                                               |  |  |  |  |  |  |  |      |      |      |      |      |      |       |       |
| <p>Marking: Company name, voltage rating, temperature rating, conductor size, conductor material if other than copper, and use.</p> <p><a href="#">Last Updated</a> on 2011-03-30</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |                                             |      |      |      |       |       |  |  |      |      |      |      |  |  |  |  |                                               |  |  |  |  |  |  |  |      |      |      |      |      |      |       |       |
| <p> <a href="#">Questions?</a> <a href="#">Print this page</a> <a href="#">Notice of Disclaimer</a> <a href="#">Page Top</a> </p> <p><a href="#">Copyright 2011 Underwriters Laboratories Inc.®</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                                             |      |      |      |       |       |  |  |      |      |      |      |  |  |  |  |                                               |  |  |  |  |  |  |  |      |      |      |      |      |      |       |       |
| <p>The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Listed and covered under UL's Follow-Up Service. Always look for the Mark on the product.</p>                                                                                                                                                                                                                                                                                                       |      |                                             |      |      |      |       |       |  |  |      |      |      |      |  |  |  |  |                                               |  |  |  |  |  |  |  |      |      |      |      |      |      |       |       |
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# HDMI Cable 1.4a Version Series



## Major enhancements introduced in the HDMI 1.4 specification

- **HDMI Ethernet Channel** - Adds high-speed networking to an HDMI link, allowing users to take full advantage of their IP-enabled devices without a separate Ethernet cable.
- **Audio Return Channel** - Allows an HDMI-connected TV with a built-in tuner to send audio data "upstream" to a surround audio system, eliminating the need for a separate audio cable.
- **3D** - Defines input/output protocols for major 3D video formats, paving the way for true 3D gaming and 3D home theater applications
- **4K Support** - Enables video resolutions far beyond 1080p, supporting next-generation displays that will rival the Digital Cinema systems used in many commercial movie theatres
- **Content Type** - Real-time signaling of content types between display and source devices, enabling a TV to optimize picture settings based on content type
- **Additional Color Spaces** - Adds support for additional color models used in digital photography and computer graphics
- **HDMI Micro Connector** - A new, smaller connector for phones and other portable devices, supporting video resolutions up to 1080p
- **Automotive Connection System** - New cables and connectors for automotive video systems, designed to meet the unique demands of the motoring environment while delivering true HD quality

**Full/HD**

**1080/24**

**1.3b-1.4**

**192KHz/24b**

**10.2Gbit/s\***

**HDTV**  
Compatible



**YY HD007**

HDMI plug to HDMI plug

A:Nickel plated

B:Gold plated

O.D: 6.0mm/7.3mm/10.5mm



**YY HD007-1**

HDMI plug to HDMI plug

A:Nickel plated

B:Gold plated

O.D: 6.0mm/7.3mm/10.5mm



**YY HD007-2**

HDMI plug to Type C Mini HDMI plug

For Portable DVs,Cameras,Game Consoles



**YY HD007-3**

HDMI plug to Type D Mini HDMI plug

For mobile phone



**YY HD009**

HDMI plug to HDMI plug, W/ferrite black

A:Nickel plated

B:Gold plated

O.D: 6.0mm/7.3mm/10.5mm



**YY HD009-1**

HDMI plug to HDMI plug, W/ferrite black

A:Nickel plated

B:Gold plated

O.D: 6.0mm/7.3mm/10.5mm

## ***HDMI DVI VGA CABLE***



### **YY HD010**

HDMI plug to HDMI jack

A:Nickel plated

B:Gold plated

O.D: 6.0mm/7.3mm/10.5mm



### **YY HD051**

HDMI plug to HDMI plug

A:Nickel plated

B:Gold plated

Flat cable



### **YY HD054**

HDMI plug to HDMI plug

A:Nickel plated

B:Gold plated



### **YY HD055**

HDMI plug to HDMI plug

A:Nickel plated

B:Gold plated



### **YY HD055-2**

HDMI plug to HDMI plug

A:Nickel plated

B:Gold plated



### **YY HD055-3**

HDMI plug to HDMI plug

A:Nickel plated

B:Gold plated



**YY HD056**

HDMI plug to HDMI plug

A:Nickel plated

B:Gold plated

W/ferrite



**YY HD061**

HDMI plug to HDMI plug

A:Nickel plated

B:Gold plated



**YY HD064**

HDMI plug to HDMI jack

A:Nickel plated

B:Gold plated

W/ferrite



**YY HD063**

HDMI jack to HDMI jack

A:Nickel plated

B:Gold plated



**YY HD062**

HDMI plug to HDMI plug

A:Nickel plated

B:Gold plated



**YY HD070**

HDMI plug to HDMI plug

A:Nickel plated

B:Gold plated

## ***HDMI DVI VGA CABLE***



### **YY HD071**

HDMI plug to HDMI plug  
A: Nickel plated  
B: Gold plated



### **YY HD072**

HDMI plug to HDMI plug  
A: Nickel plated  
B: Gold plated



### **YY HD066**

HDMI plug to HDMI plug  
Gold plated  
O.D: 7.3mm



### **YY HD067**

HDMI plug to HDMI plug  
Gold plated  
O.D: 8.0mm  
W/ferrite



### **YY HD075**

HDMI plug to HDMI plug  
Gold plated  
360° Rotate



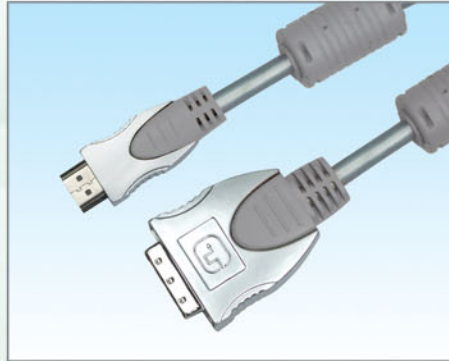
### **YY HD012**

HDMI plug to DVI plug  
A: Nickel plated  
B: Gold plated  
O.D.: 6.0mm/7.3mm/10.5mm



**YY HD012-1**

HDMI plug to DVI plug, W/ferrite black  
A: Nickel plated  
B: Gold plated  
O.D.: 6.0mm/7.3mm/10.5mm



**YY HD057**

HDMI plug to DVI plug, W/ferrite  
A: Nickel plated  
B: Gold plated



**YY HD002**

DVI-D plug to DVI-D(24+1) plug, Dual Link  
A: Nickel plated  
B: Gold plated  
O.D.: 8.3mm



**YY HD004**

DVI-D plug to DVI-D(24+5) plug, Dual Link  
A: Nickel plated  
B: Gold plated  
O.D.: 9.5mm



**YY HD005**

DVI-D plug to DVI-D(24+1) plug, W/ferrite  
A: Nickel plated  
B: Gold plated  
O.D.: 8.3mm



**YY HD006**

DVI-D plug to DVI-D(24+1) jack  
A: Nickel plated  
B: Gold plated  
O.D.: 8.3mm

## ***HDMI DVI VGA CABLE***



### **YY HD008**

VGA plug to VGA plug  
A:Nickel plated  
B:Gold plated  
O.D.:8.0mm



### **YY HD060**

VGA plug to VGA jack  
A:Nickel plated  
B:Gold plated  
O.D.:8.0mm



### **YY HD013**

VGA plug to DVI plug  
A:Nickel plated  
B:Gold plated  
O.D.:8.0mm



### **YY HD014**

VGA plug to 3RCA(RGB) plug  
A:Nickel plated  
B:Gold plated  
O.D.:8.0mm



### **YY HD015**

DVI-I(18+5) plug to 3RCA(RGB) plug  
A:Nickel plated  
B:Gold plated  
O.D.:8.0mm



### **YY HD059**

DVI plug to 3RCA(RGB) plug  
A:Nickel plated  
B:Gold plated

## Features:

- VGA+1RCA Composite Video+S-Video in ,VGA out.
- Convert the 1 RCA Composite Video+S-Video+VGA to VGA signal.
- Enable the content in DVD,STB DVR,PC Host to be displayed on the wide screen LCD or monitor.
- "Input", "Menu", "Freeze/+", "Resolution/-", "Wide Screen" function button.
- "Input" button for easy switch between different input sources, 3 displays.
- Lightness, hue, contrast, saturation, color, etc. adjustable via button and auto-store when power off.
- Supported VGA output resolution: 800x600@60Hz, 800x600@75Hz, 1024x768@60Hz, 1280x720@60Hz, 1440x900@60Hz, 1600x900@60Hz, 1680x1050@60Hz.
- Easy installation and operation, no software needed.
- PAL/NTSC auto-detective.
- Best for laptops, Desktops and projector.
- Support windows vista, Windows 7, XP and MAC.
- Image-freezing function.
- Powered by USB DC 5volt or AC adapter power supply.
- Compact, light weight, portables size.



It supports windows 2000, Windows XP, Windows 7, Windows vista operating system.



VGA to VGA cable



AV cable



USB power supply cable



S-Video cable 4pin

# VGA & AV to HDMI CONVERTER



## YY-HD-CS002

### VGA to HDMI converter

It supports windows 2000, Windows XP, Windows 7, Windows vista operating system.

## Features:

- VGA+left and right Audio in,HDMI out.
- Easy installation and operation.
- Simply connect the computer to the INPUT-VGA(Video)+left and right(Audio) and HDTV to the OUTPUT-HDMI.
- Convert the VGA Video+left and right Audio signal to HDMI signal.
- Enable the content in PC displayed on the large screen of HDTV.
- Compliant with HDMI 1.3 standard.
- Support 700x400@85Hz, 640x480@60Hz, 800x600@60Hz, 1024x768@60Hz, 1280x720@60Hz, 1280x768@60Hz, 1280x1024@60Hz, 1360x768@60Hz, 1600x1200@60Hz, 1920x1080@60Hz resolution.
- High definition image.
- Power / signal LED indicators.
- No software driver needed.



Power adaptor



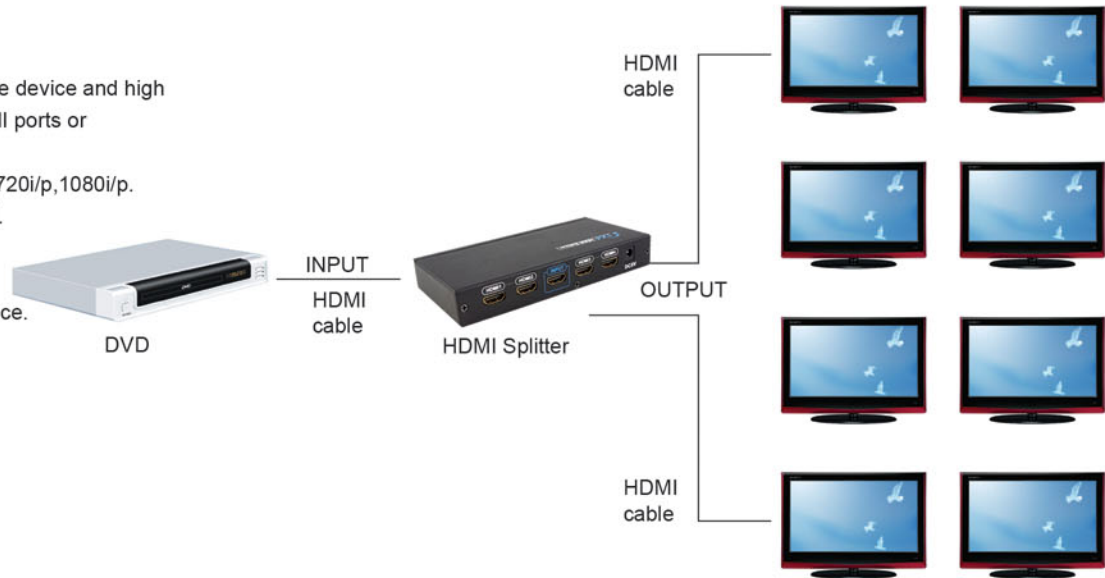
## YY-HD-CS003

### AV to HDMI converter



## Features:

- Fully HDMI 1.3(1.4) specification compliant. It is applicable to source device and high definition display device such as DVD and HDTV which have HDMI ports or digital ports and are compliant with HDCP protocol.
- Support high resolutions up to 1920x1200, including 380i/p, 576i/p, 720i/p, 1080i/p.
- Extend the transmission distance and improve transmission signal.
- Compatible with DVI by using HDMI to DVI adaptor.
- Plug-and-play.
- Metal casing design and overall shielding with out signal interference.
- LED indicates signal and power mode.
- Power supply (please refer to technical parameter)



### YY-HD-CS006

2 Port HDMI splitter, metal  
Support up to 1080P  
Power DC 5V



### YY-HD-CS007

4 Port HDMI splitter, metal  
Support up to 1080P  
Power DC 5V



### YY-HD-CS009

8 Port HDMI splitter, metal  
Support up to 1080P  
Power DC 5V

## Features:

- Switching is done via itself automatically when signal present on the ports.
- Support HDCP protocol and applicable to source device and high definition display device such as
- DVD and HDTV which have HDMI ports or digital ports, and are compliant with HDCP protocol.
- Support high resolutions up to 1920\*1200, including 480i/p, 576i/p, 720i/p, 1080i/p.
- Support HDMI 1.3.
- Extend the transmission distance and improve transmission signal.
- Compatible with DVI by using HDMI to DVI adaptor.
- Plug-and-play.
- Convenient to connect multi-group input signals to display on one HDTV.
- Save space, Allow several sources to use one high definition display device simultaneously.
- Metal casing design and overall shielding without signal interference.
- Select input port by hand freely.
- Led indicates signal and power mode.
- Power supply (Please refer to technical parameter)

## HDMI SWITCH SERIES



### YY-HD-CS012

2 Port HDMI switch, plastic  
Switch Via push button  
Support up to 1080P  
Support 25MHz to 165MHz  
Non power



### YY-HD-CS013

3 Port HDMI switch, plastic  
Switch Via push button  
Support up to 1080P  
Support 25MHz to 165MHz  
Non power



### YY-HD-CS017

2 Port HDMI mini switch, metal  
Switch Via IR Remote Control  
Support up to 1080P  
Support 25MHz to 165MHz  
Power DC 5V



### YY-HD-CS018

3 Port HDMI mini switch, metal  
Switch Via IR Remote Control  
Support up to 1080P  
Support 25MHz to 165MHz  
Power DC 5V



### YY-HD-CS019

4 Port HDMI mini switch, metal  
Switch Via IR Remote Control  
Support up to 1080P  
Support 25MHz to 165MHz  
Power DC 5V



**YY-HD-AD005**

HDMI female to mini HDMI male, adaptor

A: Nickel plated

B: Gold plated



**YY-HD-AD007**

HDMI female to HDMI female adaptor

A: Nickel plated

B: Gold plated



**YY-HD-AD015**

HDMI female to HDMI male adaptor

A: Nickel plated

B: Gold plated



**YY-HD-AD016**

HDMI female to HDMI male adaptor

A: Nickel plated

B: Gold plated



**YY-HD-AD020**

HDMI female to HDMI male adaptor

swing type

A: Nickel plated

B: Gold plated



**YY-HD-AD021**

HDMI male to HDMI male adaptor

A: Nickel plated

B: Gold plated

## ***HDMI/VGA/DVI ADAPTOR SERIES***



### **YY-HD-AD031**

DVI(24+1) male to HDMI female adaptor

A:Nickel plated

B:Gold plated



### **YY-HD-AD033**

DVI(24+5) female to HDMI male adaptor

A:Nickel plated

B:Gold plated



### **YY-HD-AD045**

DVI(24+5) male to VGA male adaptor

A:Nickel plated

B:Gold plated



### **YY-HD-AD050**

DVI(24+5) female to VGA male adaptor

A:Nickel plated

B:Gold plated



### **YY-HD-AD051**

VGA female to VGA female adaptor

A:Nickel plated

B:Gold plated



### **YY-HD-AD053**

VGA male to VGA male adaptor

A:Nickel plated

B:Gold plated

## Display port Adapter White

### Products Specification

- Compliant with DisplayPort specification V1.1a
- Support 1.62 and 2.7Gbps over 4 lanes
- Video resolution up 1920x1200x60Hz
- ESD protect: Human Body Mode at 8KV, Machine Mode at 400V and Charged Device Mode at 2KV
- PC: VGA, XGA, SVGA, SXGA, UXGA and WUXGA

### Technical Details

- Connector Housing: LCP(UL94V-0)
- Connector Terminal: Copper Alloy + Gold Plated
- Connector Shell: Steel + Nickel Plated
- Cable: UL20276 30AWG
- Enclosure: PC+ABS, White
- Operating Temperature: 0~50°
- Storage Temperature: -40~85°
- Certificate: CE, FCC
- RoHS: Compliant



**YY-DP-001W**



**YY-DP-002W**



**YY-DP-003W**

## Mini Display port Adapter White

### Products Specification

- Compliant with Display Port Interoperability specification V1.1a
- Compliant with HDMI 1.3a specification up to 2.25 Gbps
- EDS protect:Human Body Mode at 8KV,Machine Mode at 400V,and charged Device Mode at 2KV
- PC:VGA,XGA,SVGA,XSGQA and UXGA
- HDTV:480i,576i,480P,576P,1080i and 1080P
- Standby mode current:64uA,RoHS

### Technical Details

- Connector Housing:LCP(UL94V-0)
- Connector Terminal:Copper Alloy + Gold Plated
- Connector Shell:Steel + Nickel Plated
- Cable:UL20276 30AWG
- Enclosure:PC+ABS,White
- Operating Temperature:0~50°
- Storage Temperature:-40~85°
- Certificate:CE,FCC
- RoHS:Compliant



YY-DP-013W



YY-DP-015W



YY-DP-016W



YY-DP-017W

## DP ADAPTER CABLES

## DisplayPort Cable

### Products Specification

- Compliant with Display Port Interoperability specification V1.1a
- EDS protect:Human Body Mode at 8KV,Machine Mode at 400V,and charged Device Mode at 2KV
- HDTV:480i,576i,480P,576P,1080i and 1080P

### Technical Details

- Connector Housing:LCP(UL94V-0)
- Connector Terminal:Copper Alloy + Gold Plated
- Connector Shell:Steel + Nickel Plated
- Cable:UL20276 30AWG
- Enclosure:PC+ABS,White
- Operating Temperature:0~50°
- Storage Temperature:-40~85°
- Certificate:CE,FCC
- RoHS:Compliant



YY-DP-014W

## DisplayPort Cable

### Products Specification

- Compliant with Display Port Interoperability specification V1.1a
- EDS protect: Human Body Mode at 8KV, Machine Mode at 400V, and charged Device Mode at 2KV
- HDTV: 480i, 576i, 480P, 576P, 1080i and 1080P

### Technical Details

- Connector Housing: LCP (UL94V-0)
- Connector Terminal: Copper Alloy + Gold Plated
- Connector Shell: Steel + Nickel Plated
- Enclosure: PC+ABS, White
- Operating Temperature: 0~50°
- RoHS: Compliant



**YY-DP-019B**



**YY-DP-018B-2**



**YY-DP-020B**



**YY-DP-018B-1**



**YY-DP-022B**



**YY-DP-021B**

## POWER CORD SERIES



**YY 5139**  
2PIN flat plug  
250V 10A



**YY 5140**  
2PIN circle plug  
250V 10A



**YY 0656014**  
10/13A 125V  
SJT 18.16.14SWG x 3C



**YY 0656048**  
10A 250V  
H05VV-F 3G0.75-1.0mm<sup>2</sup>

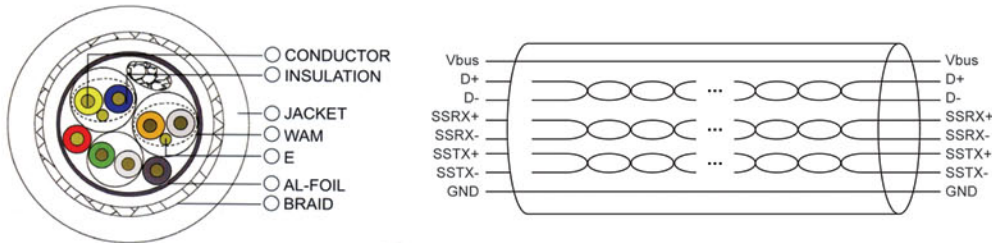


**YY 0656009**  
10A 250V  
H05VV-F 3G0.75-1.0mm<sup>2</sup>

**YY 0656010**



**YY 06560142**  
Power cable with south africa type



## USB3.0 Cable

USB3.0 superspeed it is duplex, it means it can simultaneously send and receive data.

Supporting 5Gbps data rate it is 10 times faster than USB2.0(\*see note below).

Fully Shield to reduce interference.

Construct with twisted pair, help to reduce cross-talk.

Compliant with USB1.0, USB1.1 and USB2.0.

Inter-mateable with USB2.0, USB1.1 and USB1.0.

For connecting computer or notebook to HD-DVD/big mobiles memory gold-plated copper contacts minimize data loss.

Foiled and braided shield complies with fully rated cable specifications.

Impedance matches twisted pair construction help to minimize cross talk, super high-speed, error-free transmission.





### **YY-USB-065 3.0**

USB A male to A male

UL20276

A:O.D.:5.5mm B:O.D.:6.0mm

Transparent Jacket



### **YY-USB-066 3.0**

USB A male to A female

UL20276

A:O.D.:5.5mm B:O.D.:6.0mm

Transparent Jacket



### **YY-USB-067 3.0**

USB A male to B male

UL20276

A:O.D.:5.5mm B:O.D.:6.0mm

Transparent Jacket



### **YY-USB-061 3.0**

USB A male to A male

UL20276

A:O.D.:5.5mm B:O.D.:6.0mm

Jacket:blue or on request



### **YY-USB-062 3.0**

USB A male to A female

UL20276

A:O.D.:5.5mm B:O.D.:6.0mm

Jacket:blue or on request



### **YY-USB-063 3.0**

USB A male to B male

UL20276

A:O.D.:5.5mm B:O.D.:6.0mm

Jacket:blue or on request



### **YY-USB-064 3.0**

USB A male to micro USB male

UL20276

A:O.D.:5.5mm B:O.D.:6.0mm

Jacket:blue or on request



**YY-USB-051**

USB A plug to USB A plug

A:1.1 VERSION O.D.:3.8mm

B:2.0 VERSION O.D.:4.5mm



**YY-USB-052**

USB A plug to USB A jack

A:1.1 VERSION O.D.:3.8mm

B:2.0 VERSION O.D.:4.5mm



**YY-USB-053**

USB A plug to USB B plug

A:1.1 VERSION O.D.:3.8mm

B:2.0 VERSION O.D.:4.5mm



**YY-USB-054**

USB A plug to mini USB 4P plug

A:1.1 VERSION O.D.:3.8mm

B:2.0 VERSION O.D.:4.5mm



**YY-USB-055**

USB A plug to mini USB 5P plug

A:1.1 VERSION O.D.:3.8mm

B:2.0 VERSION O.D.:4.5mm



**YY-USB-056**

USB A plug to mini USB 5P plug

A:1.1 VERSION O.D.:3.8mm

B:2.0 VERSION O.D.:4.5mm

## USB CABLE SERIES



**YY-USB-051-1**

iPod to USB A plug

Cable length:0.3-1.8m or on request



**YY-USB-057**

USB A jack to mini USB 5P plug

A:1.1 VERSION O.D.:3.8mm

B:2.0 VERSION O.D.:4.5mm



**YY-USB-058**

2 x USB A plugs to mini USB 5P plug

2.0 VERSION O.D.:4.5mm



**YY-USB-059**

USB A plug to MICRO USB B plug

O.D.:4.5mm



**YY-USB-060**

USB A plug to 3.5mm 4C plug



**YY-USB-060-1**

USB A plug to 3RCA plugs



**YY-USB-005**  
USB A/M to A/F



**YY-USB-006**  
USB A/M to B/M



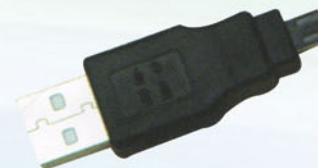
**YY-USB-007**  
USB A/M to  
IEEE1394 6P/M



**YY-USB-008**  
USB A/M to  
IEEE1394 4P/M



**YY-USB-009**  
USB A/M to mini 5P



**YY-USB-010**  
USB A/M to mini 4.P



**YY-USB-012**  
USB extension cord  
with 6 USB adaptors



**YY-USB-011**  
USB A/M to 4 A/F

## USB ADAPTOR



**YY-USB-013**  
IEEE1394 4P/F to 6P/M



**YY-USB-014**  
IEEE1394 4P/M to 6P/F



**YY-USB-015**  
IEEE1394 4P/M to 6P/M



**YY-USB-016**  
IEEE1394 4P/F to 6P/F



**YY-USB-019**  
USB A/F to B/M



**YY-USB-020**  
USB A/M to A/M  
USB3.0



**YY-USB-021**  
USB A/M to A/F  
USB3.0



**YY-USB-022**  
USB A/M to A/F  
Right angle  
USB3.0



**YY-USB-017**  
USB A/F to A/F



**YY-USB-018**  
USB A/F to mini5P/M



**YY-USB-025**  
USB A/M to 4 A/F



## YY-USB-023

It supports windows 2000, Windows XP, Windows 7, Windows vista operating system.

## EASYCAP

### Features:

- USB2.0 Video Capture Adaptor provides a link between a PC and a video device with RCA connector or S-Video connector, such VHS, VCR, and DVD. It can capture high quality video and audio file direct from USB2.0 interface without sound card.
- Enclosed professional video editing software video studio 8.0 provides best editing function for movies.
- Other feature and specifications:
  - USB2.0 interface, plug and play.
  - Support brightness, contrast, hue, and saturation control, Capture audio without the sound card.
  - Support All Video Formats: DVD+/-R/RW, DVD+/-VR, and DVD +Video.
  - Applying to internet conference/net meeting, Support NTSC, PAL Video format.
  - Video input: One RCA composite, One S-Video. Audio input: Stereo audio(RCA)/Dimension (L)88mmx(W)28mmx(H)18mm. USB bus power.
  - Package Contents: 1xUSB2.0Video Adapter with Audio, 1xUSB Cable, 1xQuick Installation Guide, 1xCD-ROM



# SATA CABLE



**YY-SATA-001**  
SATA to SATA, 7pin/7pin



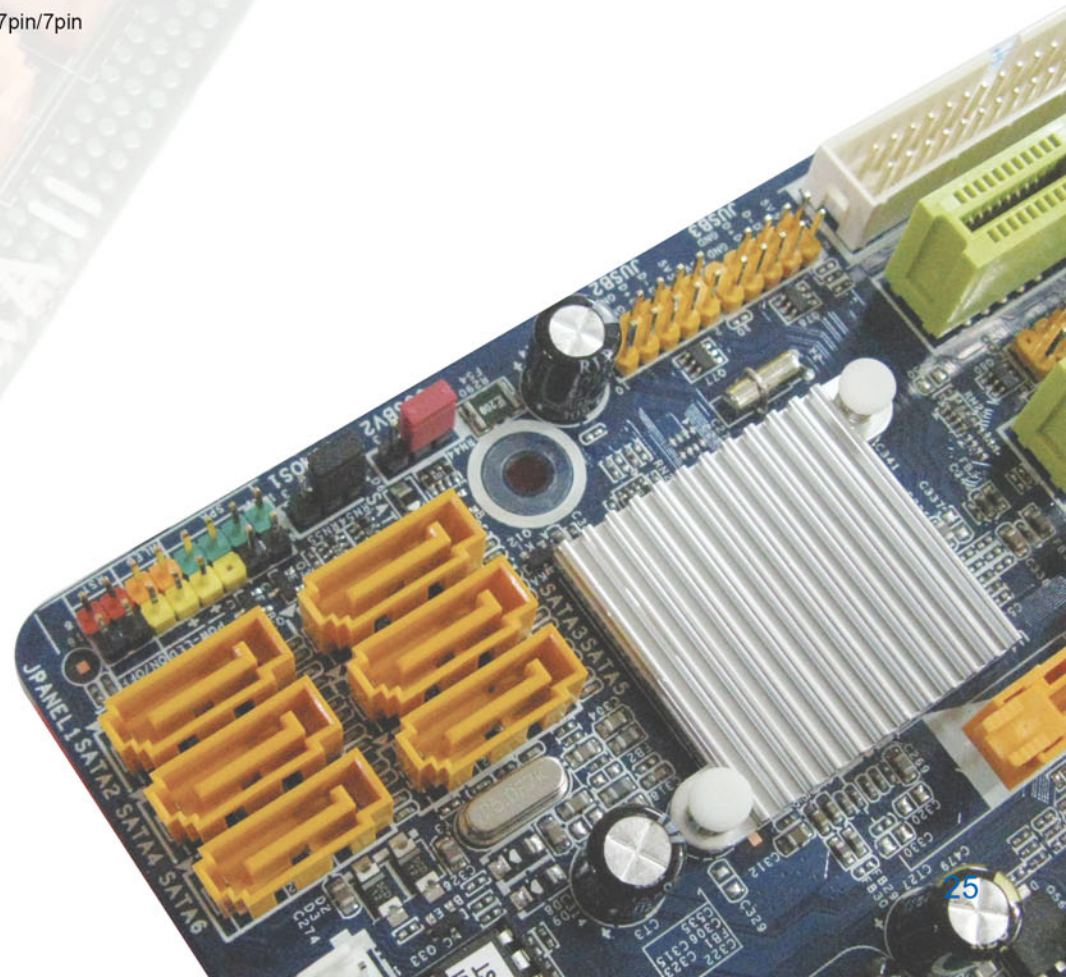
**YY-SATA-004**  
eSATA to eSATA, 7pin/7pin

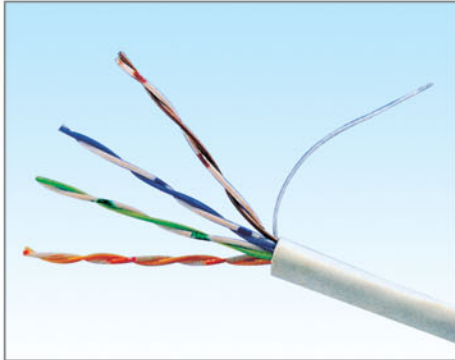


**YY-SATA-002**  
SATA 90° to SATA, 7pin/7pin

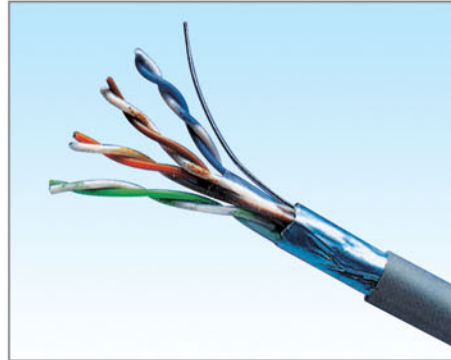


**YY-SATA-003**  
eSATA to SATA, 7pin/7pin

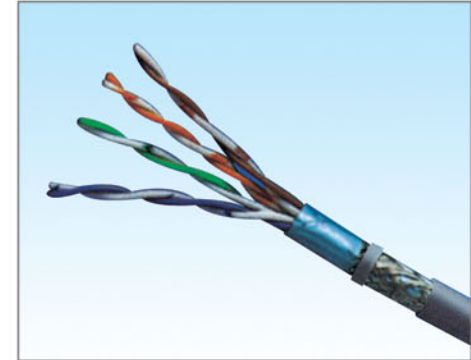




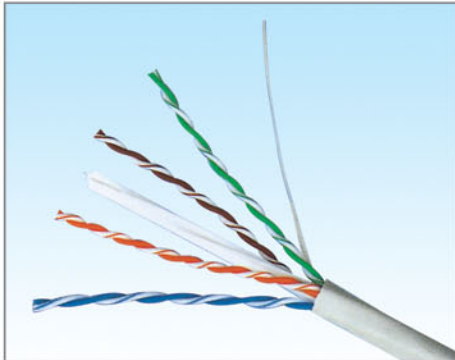
**UTP CAT.5e CABLE**  
Solid & Stranded



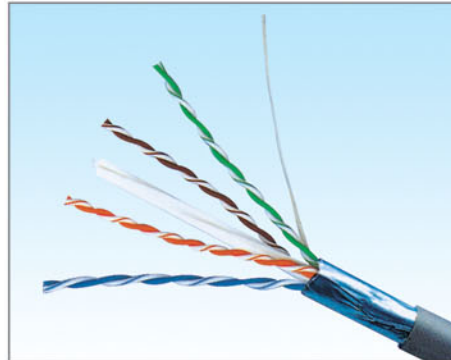
**FTP CAT.5e CABLE**  
Solid & Stranded



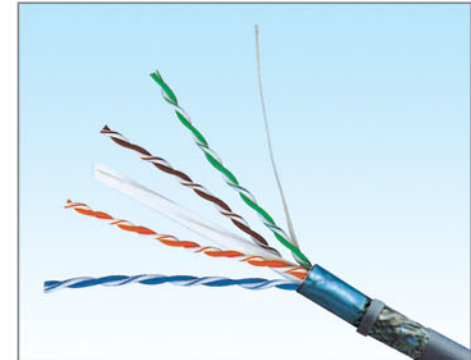
**SFTP CAT.5e CABLE**  
Solid & Stranded



**UTP CAT.6 CABLE**  
Solid & Stranded



**FTP CAT.6 CABLE**  
Solid & Stranded



**SFTP CAT.6 CABLE**  
Solid & Stranded

Structure:AWG26/24 solid/stranded Bare copper,PE insulation,FR PVC/LSOH PVC jacket.

Standards:ISO/IEC 11801.ANSI/TIA/EIA-568A

Application:supporting TP-PMD Audio,integrated service digital network(ISDN),ATM155mbps,100mbps TPDDI,Fast Ether-net etc.

Ordering information

Packing:305m/color gift box

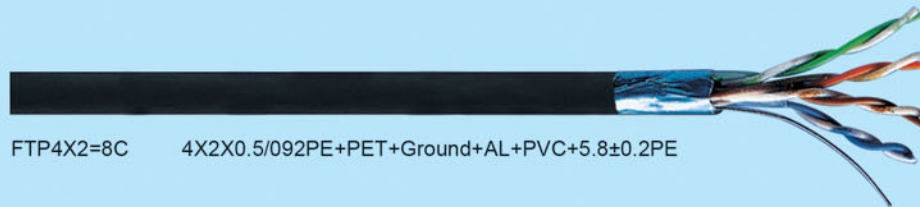
# LAN CABLE

## PACKING

### OUTER DOOR LAN CABLES



UTP4X2=8C    4X2X0.5/092PE+DRAW WIRE+PVC+5.8±0.2PE



FTP4X2=8C    4X2X0.5/092PE+PET+Ground+AL+PVC+5.8±0.2PE

### WITH messenger LAN CABLES



UTP4X2=8C    4X2X0.5/092PE+DRAW WIRE+PVC+5.4±0.2PE+1X1.3 STEEL+2.8PE

FTP4X2=8C    4X2X0.5/092PE+PET+Ground+AL+PVC+6.0±0.2PE+1X1.3 STEEL+2.8PE





**YY6113**  
6P2C,6P4C,6P6C



**YY6120**  
4P2C,4P4C



**YY-PC081**



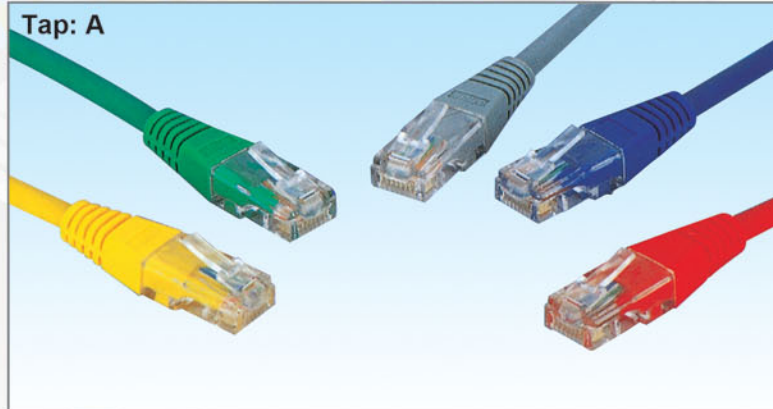
**YY-PC082**



**YY-PC083**

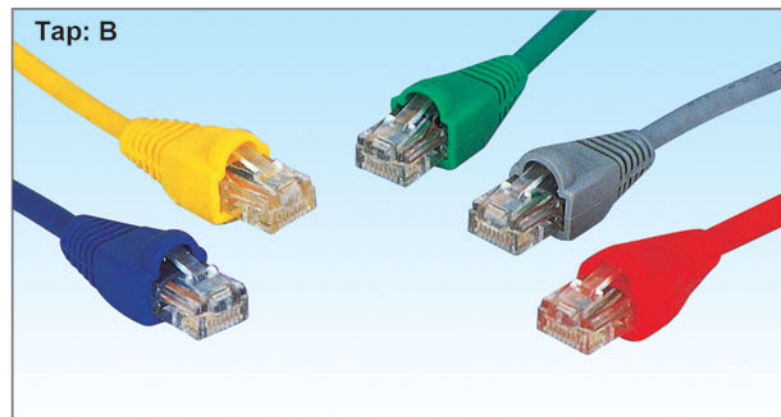


**YY-PC084**



**Tap: A**

Colors available: Gray, Black, Blue, Red, Yellow, Green, Orange.

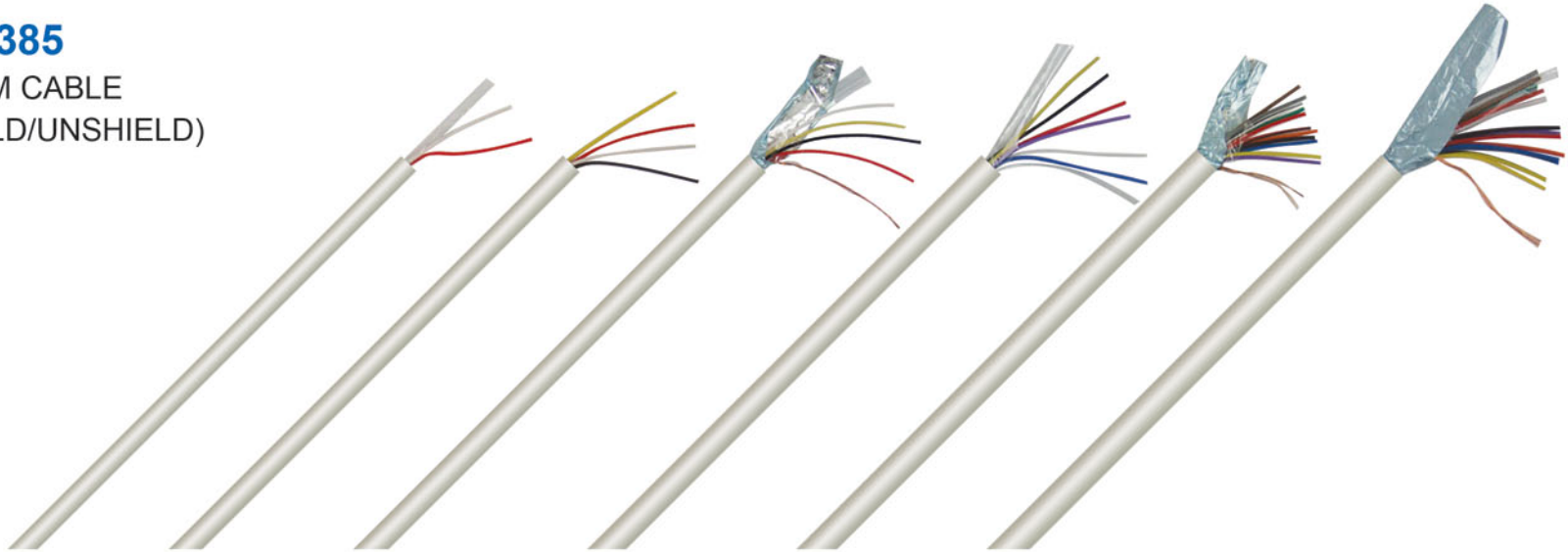


**Tap: B**

Colors available: Gray, Black, Blue, Red, Yellow, Green, Orange.

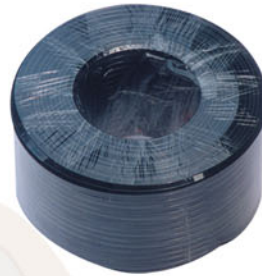
**YY 5385**

ALARM CABLE  
(SHIELD/UNSHIELD)



| ITEM.   | No.of central conductor<br>Dia.per conductors(mm) | Tiekness of<br>Insulation (mm) | Outer Diameter<br>(mm) |
|---------|---------------------------------------------------|--------------------------------|------------------------|
| 2 CORE  | $(7 \times 0.22) \times 2 + 7 \times 0.22$        | 0.50                           | 3.8                    |
| 4 CORE  | $(7 \times 0.22) \times 4 + 7 \times 0.22$        | 0.50                           | 4.6                    |
| 6 CORE  | $(7 \times 0.22) \times 6 + 7 \times 0.22$        | 0.60                           | 5.0                    |
| 8 CORE  | $(7 \times 0.22) \times 8 + 7 \times 0.22$        | 0.60                           | 5.6                    |
| 10 CORE | $(7 \times 0.22) \times 10 + 7 \times 0.22$       | 0.60                           | 6.4                    |
| 12 CORE | $(7 \times 0.22) \times 12 + 7 \times 0.22$       | 0.60                           | 7.0                    |
| 14 CORE | $(7 \times 0.22) \times 14 + 7 \times 0.22$       | 0.70                           | 7.5                    |

**Flat telephone Cable:**



**2C, 4C, 8C TELEPHONE CABLE:**

Specification



2C×6×0.10 Φ2.45×3.80

Specification



2C×6×0.10 Φ2.45×4.85

2C×7×0.12 Φ2.45×4.85

Specification



4C×5×0.10 Φ2.40×4.80

4C×6×0.10 Φ2.40×4.80

4C×5×0.12 Φ2.45×4.85

4C×7×0.10 Φ2.45×4.85

4C×7×0.11 Φ2.45×4.85

4C×7×0.12 Φ2.45×4.85

Specification



6C×6×0.10 Φ2.45×7.00

6C×7×0.12 Φ2.45×7.00

Specification



8C×6×0.10 Φ2.45×9.00

8C×7×0.10 Φ2.45×9.00

8C×7×0.12 Φ2.45×9.00

# TELEPHONE CABLE

## ROUND TELEPHONE CABLES



| ITEM.  | No.of central conductor<br>Dia.per conductors(mm) | Tiekness of<br>Insulation (mm) | Outer Diameter<br>(mm) |
|--------|---------------------------------------------------|--------------------------------|------------------------|
| 1PAIR  | $(0.35-0.5) \times 2$                             | 0.50                           | 2.8                    |
| 2PAIR  | $(0.35-0.5) \times 4$                             | 0.50                           | 3.8                    |
| 3PAIR  | $(0.35-0.5) \times 6$                             | 0.60                           | 4.5                    |
| 4PAIR  | $(0.35-0.5) \times 8$                             | 0.60                           | 5.2                    |
| 5PAIR  | $(0.35-0.5) \times 10$                            | 0.60                           | 5.8                    |
| 6PAIR  | $(0.35-0.5) \times 12$                            | 0.60                           | 6.5                    |
| 8PAIR  | $(0.35-0.5) \times 16$                            | 0.70                           | 7.3                    |
| 10PAIR | $(0.35-0.5) \times 20$                            | 0.70                           | 7.8                    |



0GA

**YY 5301-0GA**

OD: 15.0mm

7 x 7 x 24 x 0.2mm



2GA

**YY 5302-2GA**

OD: 12.0mm

7 x 7 x 19 x 0.2mm



4GA

**YY 5303-4GA**

OD: 10mm

7 x 66 x 0.20mm

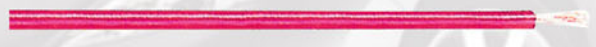


6GA

**YY 5304-6GA**

OD: 8.0mm

7 x 54 x 0.2mm



8GA

**YY 5305-8GA**

OD: 6.8mm

7 x 34 x 0.2mm



10GA

**YY 5306-10GA**

OD: 5.5mm

7 x 23 x 0.2mm



12GA

**YY 5307-12GA**

OD: 4.5mm

32 x 0.2mm



14GA

**YY 5308-14GA**

OD: 4mm

70 x 0.12mm



16GA

**YY 5309-16GA**

OD: 3.5mm

56 x 0.12mm



18GA

**YY 5310-18GA**

OD: 2.4mm

48 x 0.12mm



20GA

**YY 5311-20GA**

OD: 2.0mm

36 x 0.12mm

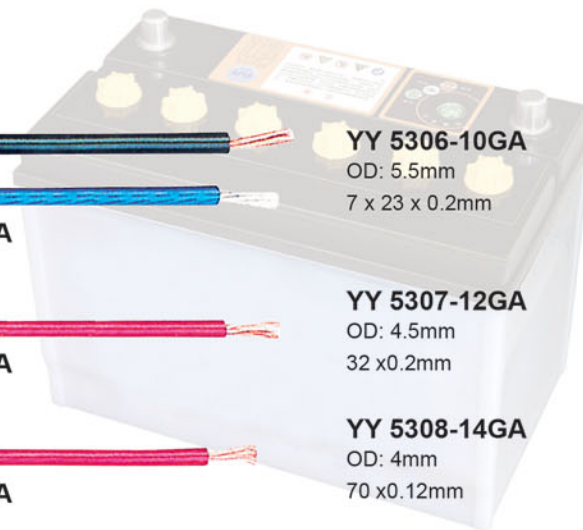


22GA

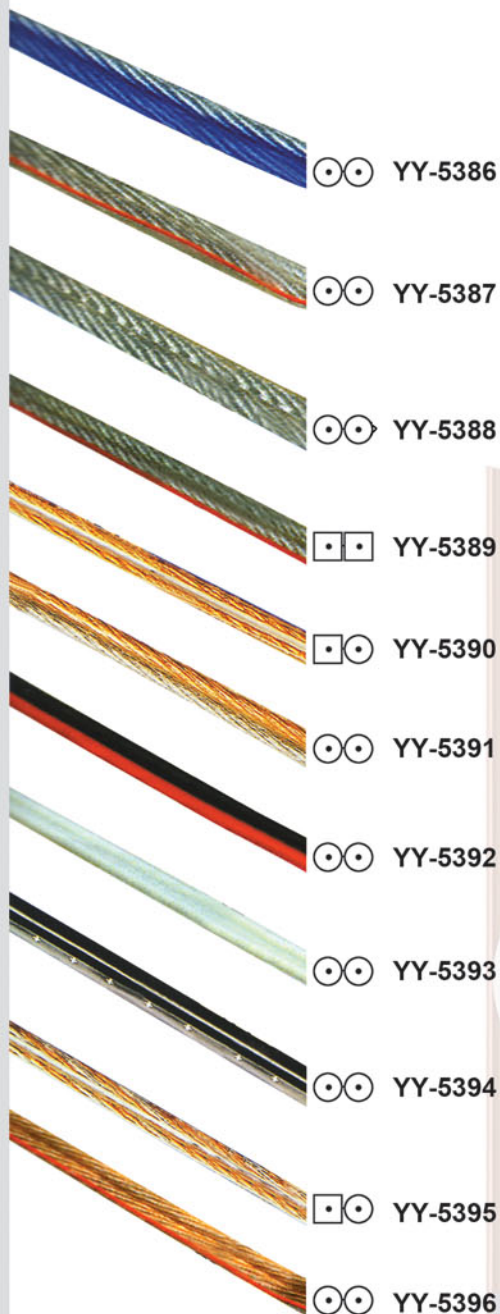
**YY 5312-22GA**

OD: 2.0mm

28 x 0.12mm



# POWER-SPEAKER-AV-CABLES



Please see detail specifications below

|            |                      |               |
|------------|----------------------|---------------|
| A: 8AWG    | 7.52MM <sup>2</sup>  | OD:6.5x13.0MM |
| B: 10AWG   | 5.26MM <sup>2</sup>  | OD:5.5x11.0MM |
| C: 12AWG   | 3.31MM               | OD:4.5x9.0MM  |
| D: 14AWG   | 2.08MM <sup>2</sup>  | OD:3.5x7.0MM  |
| E: 16AWG   | 1.31MM <sup>2</sup>  | OD:3.0x6.0MM  |
| F: 18AWG   | 0.823MM <sup>2</sup> | OD:2.5x5.0MM  |
| G: 20AWG   | 0.519MM <sup>2</sup> | OD:2.2x4.4MM  |
| H: 22AWG   | 0.324MM <sup>2</sup> | OD:2.0x4.0MM  |
| I: 24AWG   | 0.205MM <sup>2</sup> | OD:1.8x3.6MM  |
| J: 0.25MM2 | OD:2.0x4.0MM         |               |
| K: 0.35MM2 | OD:2.2x4.4MM         |               |
| L: 0.50MM2 | OD:2.5x5.0MM         |               |
| M: 0.75MM2 | OD:2.6x5.2MM         |               |
| N: 1.00MM2 | OD:2.8x5.6MM         |               |
| O: 1.50MM2 | OD:3.0x6.0MM         |               |
| P: 2.00MM2 | OD:3.5x7.0MM         |               |
| Q: 2.50MM2 | OD:4.0x8.0MM         |               |
| R: 4.00MM2 | OD:4.5x9.0MM         |               |
| S: 6.00MM2 | OD:5.5x11.0MM        |               |
| T: 7.00MM2 | OD:6.5x13.0MM        |               |

DIFFERENT COLORS ARE AVAILABLE

SUITABLE PACKING: ROLL

PLASTIC SPOOL

WOODEN SPOOL

PAPER SPOOL

COLOR BOX

CAN DO IT AS PER YOUR REQUIREMENTS





**YY 065304**

3.5mm stereo plug to 3.5mm stereo plug



**YY 065303**

3.5mm stereo plug to 2RCA plugs



**YY 065297**

2RCA plugs to 2RCA plugs

HIGH QUALITY AUDIO/VIDEO CONNECTION CABLE

For transferring analog and digital audio/video signals

Pearl chrome-plated metal shell

24k gold plated connectors with oxygen free copper conductors

Double screened for super high performance



**YY 065301**

3RCA plugs to 3RCA plugs

## AUDIO/VIDEO CABLE



**YY 065229** 3.5mm stereo plug to 3.5mm stereo plug



**YY 065221** 3.5mm stereo plug to 2RCA plugs



**YY 065224** 2RCA plugs plug to 2RCA plugs



**YY 065227** 6RCA plugs plug to 6RCA plugs

HIGH QUALITY AUDIO/VIDEO CONNECTION CABLE

For transferring analog and digital audio/video signals

Pearl chrome-plated metal shell

24k gold plated connectors with oxygen free copper conductors

Double screened for super high performance

With nology



**YY 065225**

3RCA plugs plug to 3RCA plugs



**YY 065212**

3.5mm Stereo plug to 3.5mm Stereo plug

A:Nickel B:Golden

Cable color:Dark blue, black O.D.:4mm



**YY 065212-1**

3.5mm Stereo plug to 3.5mm Stereo jack

A:Nickel B:Golden

Cable color:Dark blue, black O.D.:4mm



**YY 065209**

3.5mm Stereo plug to 2 RCA plug

A:Nickel B:Golden

Cable color:Dark blue, black O.D.:3.5x7mm



**YY 065204**

1 RCA plug to 1 RCA plug

A:Nickel B:Golden

Cable color:Dark blue, black O.D.:4mm



**YY 065205**

2 RCA plug to 2 RCA plug

A:Nickel B:Golden

Cable color:Dark blue, black O.D.:4x8mm



**YY 065207**

3 RCA plug to 3 RCA plug

A:Nickel B:Golden

Cable color:Dark blue, black O.D.:4x12mm

## AUDIO/VIDEO CABLE



### YY 5186

3.5mm Stereo plug to 3.5mm Stereo plug

A:Nickel B:Golden

Cable color:Dark blue, Green O.D.:4mm



### YY 5188

3.5mm Stereo plug to 2RCA plugs

A:Nickel B:Golden

Cable color:Dark blue, Green O.D.:4x8mm



### YY 5193

3RCA plugs to 3RCA plugs

A:Nickel B:Golden

Cable color:Dark blue, Green O.D.:3.5x7mm



### YY 5187

3.5mm Stereo plug to 3.5mm Stereo

A:Nickel B:Golden

Cable color:Dark blue, Green O.D.:4mm

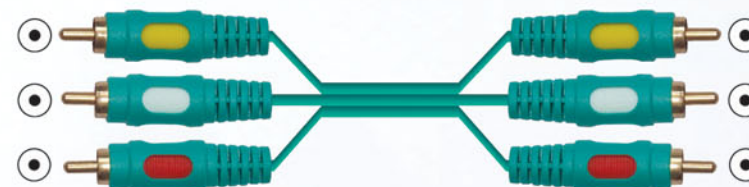


### YY 5189

DIGITAL CAMERA cable,3RCA plugs to 3.5mm 4C plug

A:Nickel B:Golden

Cable color:Dark blue, Green O.D.:2.8x8.4mm



### YY 5194

4RCA plugs to 4RCA plugs

A:Nickel B:Golden

Cable color:Dark blue, Green O.D.:3.5x10.5mm



**YY 5011**

2 RCA PLUGS TO 2 RCA PLUGS  
O.D.2.6mmx5.2mm



**YY 5061**

2 RCA PLUGS TO 2 RCA PLUGS  
A:O.D.4mmx8mm gold  
B:O.D.6mmx12mm gold



**YY 5100**

F SCREW PLUG TO F SCREW PLUG,  
RG59  
A:NICKEL B:GOLDEN



**YY 5022**

3 RCA PLUGS TO 3 RCA PLUGS  
O.D.2.6mmx7.8mm



**YY 5061-3**

3 RCA PLUGS TO 3 RCA PLUGS  
A:O.D.4mmx12mm gold  
B:O.D.6mmx18mm gold



**YY 5107**

BNC PLUG TO BNC PLUG  
RG59

## AUDIO/VIDEO CABLE



### YY 5113

3.5mm STEREO PLUG TO 3.5mm STEREO PLUG  
O.D.4.0mm



### YY 5114

3.5mm STEREO PLUG TO 3.5mm STEREO JACK  
O.D.4.0mm



### YY 5116

3.5mm STEREO PLUG TO 2 RCA PLUGS  
O.D.2.6mmx5.2mm



### YY 5117-1

3.5mm STEREO JACK TO 2 RCA PLUGS  
O.D.2.6mmx5.2mm



### YY 5137

MINI 4P PLUG TO MINI 4P PLUG  
O.D.4mm



### YY 065254-2

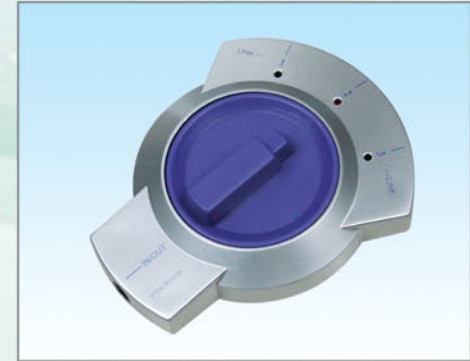
3.5mm STEREO PLUG TO 2x 3.5mm STEREO JACKS  
O.D:4 x 8mm



**YY-OP001**  
Adapter Toslink jack to mini plug



**YY-OP005**  
Adaptor toslink jack toslink jack



**YY-OP007**  
3-way pof selector,  
Toslink jack to 3 x toslink jack



**YY-OP010**  
Toslink plug to Toslink plug Optical cable  
Assembly Type  
A: OD 5.0mm  
B: OD 6.0mm



**YY-OP016**  
Toslink plug to Toslink plug  $\Phi 5.0$  Optical Cable  
Assembly Type( $\Phi 6.0$ )



**YY-OP019**  
Toslink plug to Toslink plug Optical cable  
Assembly Type  
A: OD 5.0mm  
B: OD 6.0mm

## OPTICAL FIBER CABLE SERIES



### YY-OP022

Toslink plug to Toslink plug  $\Phi 5.0$  Optical Cable  
Assembly Type( $\Phi 6.0$ )



### YY-OP025

Toslink plug to Toslink plug  $\Phi 2.2$  Optical Cable  
Assembly Type



### YY-OP028

Toslink plug to Toslink plug  $\Phi 4.0$  Optical Cable  
Moulded Type



### YY-OP031

Toslink plug to Mini plug  $\Phi 4.0$  Optical Cable  
Moulded Type



### YY-OP035

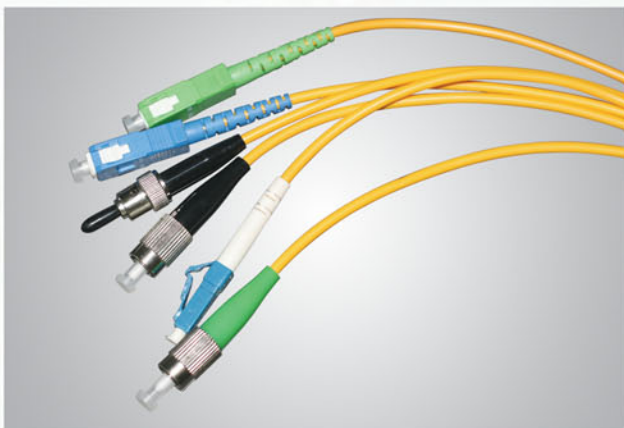
Toslink plug to Toslink plug  $\Phi 5.0$  Optical cable  
Moulded Type



### YY-OP038

Toslink plug to Toslink plug  
 $\Phi 4.0$  Optical cable  
Moulded Type

## 单芯活动连接器 Simplex Optical Connector(FC、SC、ST、LC、MU、MT/RJ)



### 用途 Applications

CATV、局域网、接入网

设备终端，多媒体连接

电信网络、数据网络

测试、医疗设备数据连接

其他工业及军事应用

CATV,LAN,Access Network

The connection of termination and multimedia equipments

Telecom network,Data network

The connection of test equipment and medicine equipment

Apply to other industries and military applications

### 特性 Features

插入损耗低，回波损耗高

互换性、重复性优越

温度特性优良，抗拉强度高

Low insertion loss and high return loss

Excellent interchangeability and repeatability

Good temperature character,high tensile strength

### 技术指标 Specifications

| 试验项目 Test Item                                                           |                                            | 试验条件 Test Conditions                | 指标 Parameter(dB)    |
|--------------------------------------------------------------------------|--------------------------------------------|-------------------------------------|---------------------|
| 光学指标 Optical                                                             | 插入损耗 IL                                    | 1310nm LED                          | <0.3(typical:0.1)   |
|                                                                          | 回波损耗 RL                                    | 1310nm LD                           | PC>45,UPC>50,APC>60 |
| 环境性能试验(插入损耗最大变化量)<br>Environmental<br>(the max change of insertion loss) | 高温 High Temperature                        | +85℃,168hours                       | 0.2                 |
|                                                                          | 温度循环 Temperature Cycle                     | -40℃~+75℃,21 cycles,168hours        | 0.2                 |
|                                                                          | 湿热 (稳态) Humidity & heat (stable situation) | 75℃,95%R.H.168hours                 | 0.2                 |
|                                                                          | 湿热循环 Humidity & Heat Cycle                 | -10℃~+65℃,95%R.H.,21cycles,168hours | 0.2                 |
| 机械性能试验(插入损耗最大变化量)<br>Mechanical<br>(the max change of insertion loss)    | 振动 Vibration                               | 10Hz~55Hz,1.5mm(p-p)                | 0.1                 |
|                                                                          | 弯曲 Bend                                    | 0.9kgf,-90° 100 cycles              | 0.1                 |
|                                                                          | 扭转 Torsion                                 | 2.5kgf,10 time/min,± 180°,200 times | 0.1                 |
|                                                                          | 抗拉 Tensile Strength                        | 90N,10min                           | 0.1                 |
|                                                                          | 跌落 Falling                                 | 1.5 High,8 time                     | 0.2                 |
|                                                                          | 重复性 Repeatability                          | 10 times                            | 0.1                 |
|                                                                          | 耐久性 Durability                             | >500 times                          | 0.2                 |

# OPTICAL FIBER CABLE SERIES

## 防水尾缆 Waterproof Pigtail



### 应用 Applications

野外光纤CATV  
主光缆和光接收机连接

Field fiber CATV  
Connection between main cable and optical receiver

### 特性 Features

通用防水接头，性能可靠  
密封防水，抗拉、耐腐蚀，  
适用于野外恶劣环境  
活络接头，安装方便  
可装配各种型号的光连接器  
低插入损耗，高回波损耗

Universal waterproof connector, reliable performance  
Airproof and waterproof, high tensile strength, anti-corrosion  
Apply to the poor field environment  
Flexible connector is convenient for fixing  
Various types of optical connectors available  
Low insertion loss and high return loss

### 性能指标 Specifications

| 型号 Model | 插入损耗(国际) IL(GB) | 插入损耗(典型值) IL(Typical) | 回波损耗(国际) RL(GB) | 回波损耗(典型值) RL(Typical) |
|----------|-----------------|-----------------------|-----------------|-----------------------|
| PC       | 0.3dB           | 0.1dB                 | 40dB            | 45dB                  |
| UPC      | 0.3dB           | 0.1dB                 | 50dB            | 50dB                  |
| APC      | 0.3dB           | 0.1dB                 | 60dB            | 65dB                  |

### 可靠性试验 Test Conditions for Reliability

| 试验项目  | 试验条件                                                           |
|-------|----------------------------------------------------------------|
| 温湿老化  | 温度85℃, 85%相对湿度, 14天插入损耗变化 $\leq 0.1\text{dB}$                  |
| 温度循环  | 温度-40℃~+75℃, 10%~80%相对湿度, 42个循环, 14天插入损耗变化 $\leq 0.1\text{dB}$ |
| 浸 水   | 43℃, PH5.5, 7天插入损耗变化 $\leq 0.1\text{dB}$                       |
| 振 动   | 振幅1.52mm, 频率10Hz~55Hz, X、Y、Z三个方向各2小时插入损耗变化 $\leq 0.1\text{dB}$ |
| 负载弯曲  | 0.454kg负载100周期(加套)插入损耗变化 $\leq 0.1\text{dB}$                   |
| 负载扭转  | 0.454kg负载100周期(加套)插入损耗变化 $\leq 0.1\text{dB}$                   |
| 抗 张 力 | 0.23kg拉力(裸纤), 1.0kg(加套)插入损耗变化 $\leq 0.1\text{dB}$              |
| 冲 击   | 1.8m高, 三个方向, 8次/方向插入损耗变化 $\leq 0.1\text{dB}$                   |

## 熔融拉锥型三窗口光分路器 FBT Tri-Window Broadband Splitter



### 技术指标 Specifications

| 项目 Item                               | 单位 Unit | 指标 Parameter                                                                                                        |
|---------------------------------------|---------|---------------------------------------------------------------------------------------------------------------------|
| 中心波长 Centre Wavelength                | nm      | 1310 & 1490 & 1550                                                                                                  |
| 带宽 Bandwidth                          | nm      | 40                                                                                                                  |
| 耦合比 Splitter Ratio                    | %       | 1~50                                                                                                                |
| 典型附加损耗 Typical excess Loss            | dB      | 0.20                                                                                                                |
| 最大偏振灵敏度 Max Polarization *Sensitivity | dB      | 0.20                                                                                                                |
| 最小方向性 Min Directivity                 | dB      | 50                                                                                                                  |
| 最大均匀性 Max Uniformity*                 | dB      | 0.7                                                                                                                 |
| 典型平坦度* Typical Flatness               | dB      | 0.35                                                                                                                |
| 最大温度系数 Temperature Coefficient        | dB/℃    | 0.002                                                                                                               |
| 工作温度 Operating Temperature            | ℃       | -40~+85                                                                                                             |
| 贮藏温度 Storage Temperature              | ℃       | -40~+85                                                                                                             |
| 外形尺寸 Dimension                        | mm      | C:3.0 x 54(250mm bare fiber)<br>F:3.5 x 72(0.9mm Loose sleeve)<br>M:100 x 19 x 9 O:100 x 80 x 9<br>L:140 x 120 x 18 |

### 用途 Applications

|         |                               |
|---------|-------------------------------|
| 光纤到户    | FTTH                          |
| 本地环路    | Local Loop                    |
| 无源光网络   | PON                           |
| 光纤通信系统  | Optical fiber communication   |
| 光纤测试设备  | Optical fiber test equipments |
| 光纤传感器   | Optical fiber sensor          |
| CATV局域网 | CATV LAN                      |

### 特性 Features

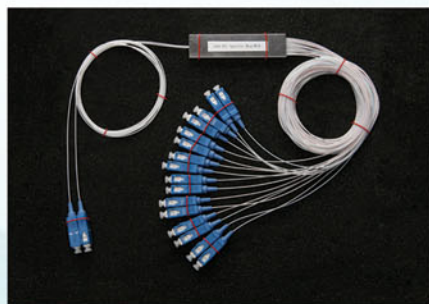
|         |                                 |
|---------|---------------------------------|
| 全光纤构造   | Full fiber structure            |
| 高可靠性    | High reliability                |
| 优异的光学性能 | Excellent optical performance   |
| 光纤类型可选  | Optical fiber optional          |
| 低偏振敏感   | Low polarization sensitivity    |
| 抗环境变化   | Resistant to environment change |

### 可靠性试验 Test Conditions for Reliability

|                          |                                                                       |
|--------------------------|-----------------------------------------------------------------------|
| 高温试验 High Temperature    | 85±2℃, 5000hours                                                      |
| 湿热试验 Humidity and-Heat   | 75±2℃/90±5%RH, 5000hours                                              |
| 低温试验 Low Temperature     | -40±5℃, 5000hours                                                     |
| 浸水试验 Soaking Test        | 43±2℃/PH5.5±0.5, 168hours                                             |
| 温度循环试验 Temperature Cycle | -40±2℃ to 85±2℃, 500 cycles                                           |
| 振动试验 Vibration Test      | 10Hz to 2000Hz, vibration range, 1.52mm 3directions, 4hours/direction |
| 冲击试验 Impact Test         | 1.8m high, 3 directions, 8times/direction                             |

# OPTICAL FIBER CABLE SERIES

## 光分路器 平面波导型光分路器 Planar Lightwave Circuit Splitter(PLC)



### 用途 Applications

FTTX (FTTP, FTTH, FTTN, FTTC)  
无源光网络 PON  
CATV系统局域网 CATV LAN  
光纤测试设备 Optical fiber test equipments

### 特性 Features

低插入损耗 Low insertion Loss  
低偏振相关损耗 Low polarization dependent loss  
高回波损耗 High return loss  
均匀性好 Excellent unif Ormitv  
机构紧凑 Compact structure  
工作带宽在 Wide operating bandwidth

### 2 x N 光分路器产品性能指标（室温值，不包含连接器损耗）

| 型号 Model                        |                    | 1 x 2                                                    | 1 x 3   | 1 x 4   | 1 x 6   | 1 x 8     | 1 x 12  | 1 x 16    | 1 x 24    | 1 x 32    | 1 x 64  |
|---------------------------------|--------------------|----------------------------------------------------------|---------|---------|---------|-----------|---------|-----------|-----------|-----------|---------|
| 工作波长 Operating Wavelength(nm)   |                    | 1260~1650                                                |         |         |         |           |         |           |           |           |         |
| 插入损耗 IL(dB)                     | 典型值 Typical        | 3.6                                                      | 5.8     | 7.0     | 9.0     | 10.0      | 11.8    | 13.3      | 15.8      | 16.3      | 20      |
|                                 | 最大值 Max(p/s grade) | 3.8/4.0                                                  | 6.0/6.2 | 7.2/7.4 | 9.5/9.8 | 10.5/10.7 | 12/12.5 | 13.5/13.7 | 16.0/16.5 | 16.5/16.9 | 20.5/21 |
| 损耗均匀性 Loss Uniformity           | 典型值 Typical        | 0.3                                                      | 0.3     | 0.4     | 0.5     | 0.5       | 0.5     | 0.6       | 0.8       | 0.8       | 1.2     |
|                                 | 最大值 Max            | 0.4                                                      | 0.4     | 0.6     | 0.8     | 0.8       | 0.8     | 1.2       | 1.5       | 1.5       | 2.5     |
| 回波损耗 RL(dB) (p/s grade)         |                    | 55/50                                                    | 55/50   | 55/50   | 55/50   | 55/50     | 55/50   | 55/50     | 55/50     | 55/50     | 55/50   |
| 偏正相关损耗 PDL(dB)                  | 典型值 Typical        | 0.1                                                      | 0.1     | 0.1     | 0.1     | 0.15      | 0.15    | 0.15      | 0.15      | 0.15      | 0.2     |
|                                 | 最大值 Max            | 0.2                                                      | 0.2     | 0.2     | 0.2     | 0.3       | 0.3     | 0.3       | 0.3       | 0.3       | 0.4     |
| 方向性 Directivity                 | 最小值 Min            | 55                                                       | 55      | 55      | 55      | 55        | 55      | 55        | 55        | 55        | 55      |
| 光纤长度 Fiber Length(m)            |                    | 1.2(+0.1)或客户指定 1.2(+0.1) or specified by customers       |         |         |         |           |         |           |           |           |         |
| 光纤类型 Fiber Type                 |                    | 康宁SMF-28e或客户指定 Corning SMF-28e or specified by customers |         |         |         |           |         |           |           |           |         |
| 波长相关损耗 WDL                      | Typical            | 0.2                                                      | 0.2     | 0.2     | 0.2     | 0.2       | 0.2     | 0.3       | 0.3       | 0.3       | 0.3     |
|                                 | Max                | 0.3                                                      | 0.3     | 0.3     | 0.3     | 0.3       | 0.3     | 0.5       | 0.5       | 0.5       | 0.5     |
| 温度稳定性 Temperature Stability(dB) | Typical            | 0.2                                                      | 0.2     | 0.2     | 0.2     | 0.2       | 0.2     | 0.3       | 0.3       | 0.3       | 0.3     |
|                                 | Max                | 0.4                                                      | 0.4     | 0.4     | 0.4     | 0.4       | 0.4     | 0.5       | 0.5       | 0.5       | 0.5     |
| 工作温度 Operating Temperature      |                    | -40℃~+85℃                                                |         |         |         |           |         |           |           |           |         |
| 存储温度 Storage Temperature        |                    | -40℃~+85℃                                                |         |         |         |           |         |           |           |           |         |

## 光纤适配器 Optical Fiber Adaptor

### 用途 Applications

电信网、光纤CATV

Telecom network, Optical fiber CATV

局域网

LAN

数据处理网

Data processing network

测试设备

Test equipments

光纤配线箱

ODP

### 特性 Features

符合IEC相关标准

Comply with IEC standards

精度高，兼容好

High precision and good compaibility

精密磷青铜或氧化锆套管

Precise phosphor bronze sleeve or zirconia sleeve

高可靠性与稳定性

Excellent reliability and stability

### 性能指标 Specifications

插入损耗IL: <0.2dB (FC,SC,ST,LC,MU)

重复性Repeatability: <0.1dB (FC,SC,ST,LC,MU)

<0.2dB(MT-RJ)

机械耐久性Endurance: <0.2dB (500times from plug)

工作温度Operating Temperature: -40℃~+85℃

标准塞规插拔力Standard Operating plugging force: 2.0N-6.0N



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