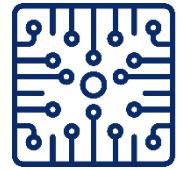


Quality

Reliability

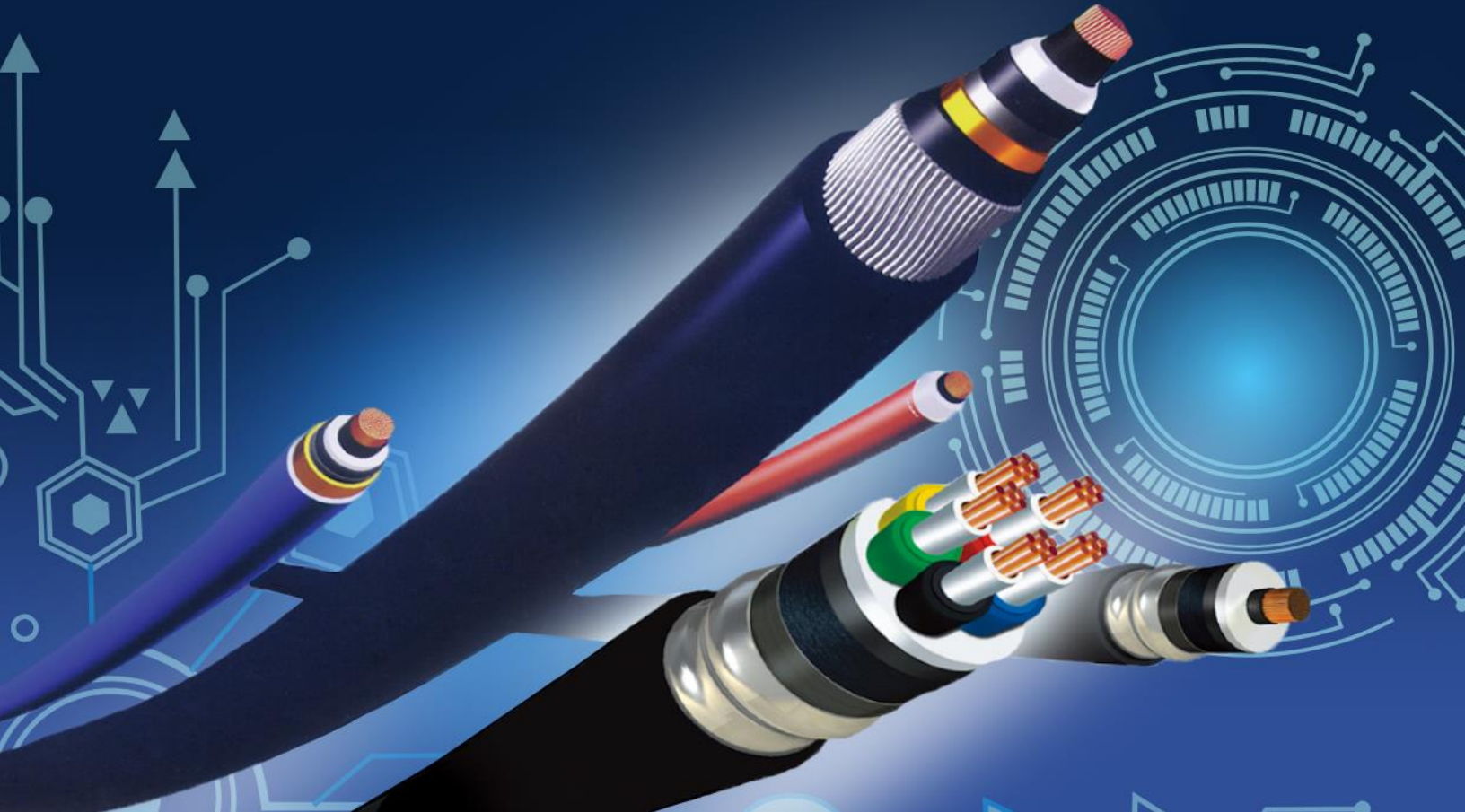
Integrity



**CTP**  
CABLETECH PRO

CableTech Pro Ltd.

# INSTRUMENTATION CABLE CATALOGUE



**United We Achieve!**

# CableTech Pro Ltd: Your Trusted Partner for Connectivity Solutions

## Our Values

**Customer-Centricity:** We put customers at the heart of everything we do.

**Quality Excellence:** We are committed to delivering top-notch products and services.

**Reliability:** We strive to consistently meet commitments and expectations.

**Integrity:** We do our utmost to uphold honesty and ethical behavior.

## Our Commitment

At CableTech Pro, our dedication to our customers is straightforward: we deliver even when others cannot. As specialists in instrumentation and data communication cables, we offer tailored solutions for a wide range of applications, including automotive, control systems, industrial automation, and premise wiring and networking.

Our unwavering commitment to superior customer service is the cornerstone of our success.

## Connecting People, Delivering Excellence

At CableTech Pro, we recognize that business thrives on human connections. Our philosophy is simple: **a job is truly complete when our customer is entirely satisfied.** This unwavering commitment underscores our dedication to quality and exemplifies our exceptional customer service.

Our secret ingredient? A **personalized approach.** We believe in understanding our customers' unique needs, tailoring solutions, and fostering lasting relationships.

## Product Expertise and Specialized Services

At CableTech Pro, we take pride in our strategic stock locations across Mauritius, ensuring swift and reliable delivery services. Our team of specialized professionals enables us to offer unparalleled support, including product application expertise, technical assistance, and top-tier sales service tailored to meet our customers' unique requirements.

1. **Comprehensive Stock Range:** Explore our extensive selection of high-quality wire products, readily available for your projects.
2. **Efficient Order Processing:** Our computerized order system ensures seamless transactions and timely deliveries.
3. **Competitive Pricing:** We believe in providing value without compromising on quality.
4. **Just-in-Time (JIT) Inventory:** Count on us for precisely timed supplies to optimize your operations.

## Strategic Alliances

At CableTech Pro, we have dedicated ourselves to fostering strong partnerships with both customers and vendors. Our steadfast dedication to nurturing strategic partnerships has been the foundation of our achievements. These valuable partnerships enable us to thrive across a diverse range of industries, including automotive, manufacturing, and process engineering, where quality instrumentation and control cables play a pivotal role.

When you choose CableTech Pro, you are choosing quality, reliability, expertise, and a partner who goes the extra mile.

## United We Achieve!

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**To Place an Order** - For all products in the catalogue, you will find all info related to the product design. Should you require detailed specs or any additional info, simply quote the product name by e-mail ([cabletechproltd@gmail.com](mailto:cabletechproltd@gmail.com)) along with your query and we will revert back to you as soon as we can. Alternately, you can also contact your us by phone.

# Instrumentation Cables

## Introduction

Instrumentation cables find widespread application in the automotive, manufacturing, and other process industries. Their purpose is to minimize noise and signal interference, ensuring the delivery of clean signals even in harsh environments and during general manufacturing operations.

Specifically designed for use in wet or dry locations, the RVVP instrumentation cable boasts a maximum long-term use temperature of 70°C and a low temperature rating of -20°C. Its cable jacket exhibits impressive resistance to oils, diluted acids, sunlight, moisture, vapor penetration, and abrasion. Moreover, it serves as an economical alternative, eliminating the need for conduits and pull boxes.

In summary, RVVP instrumentation cables are reliable workhorses, adept at maintaining signal integrity while enduring challenging conditions.

## Applications

Instrumentation cables serve a wide array of applications, particularly in scenarios where the cable might encounter mechanical stress or exposure to corrosive chemicals.

These versatile cables can be installed in raceways and are equally suitable for use with or without conduits. Their primary application lies in control systems, where precise noise rejection is crucial. Additionally, instrumentation cables are available in paired configurations, featuring an aluminum shield that envelops both pairs. This design ensures maximum isolation protection between the pairs.

These cables can handle a maximum voltage of 300V.

## RVVP Specifications

- JB/T8734.4-2016
- Flexible wire with stranded copper conductors
- Shielding : aluminium
- Maximum voltage : 300V
- Sunlight Resistant
- Moisture and vapor resistant
- Abrasion resistant
- Can be used outdoors
- -20° C to +70° C (Dry or Wet)

### FIRE SAFETY NOTICE

In the event of a fire, well-maintained early warning smoke detectors play a crucial role by alerting occupants long before non-metallic coverings become combustible. However, for those purchasing PVC-insulated or jacketed products, it's essential to be aware of the following:

**Non-Metallic Coverings:** Non-metallic coverings on electrical cables can burn and transmit fire when ignited.

**Toxic Emissions:** Burning non-metallic coverings may emit toxic acid gases, contributing to dense smoke.

**Corrosion Risk:** Acid gases can corrode nearby metal components, including sensitive instruments and reinforcing rods in cement.

Remember that the installer and/or user assumes all liability for the consequences of product installation or use, especially in violation of any applicable laws, regulations, or codes.

# Design Features – RVVP Cable

## Instrumentation Cable RVVP

### Conductors

Stranded soft copper wire

### Insulation

Eco friendly PVC

### Overall Shield

Aluminum foil

### Jacket

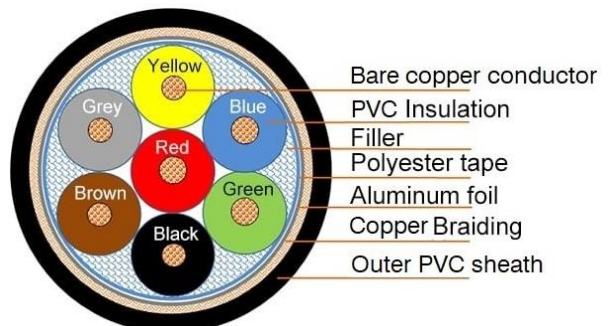
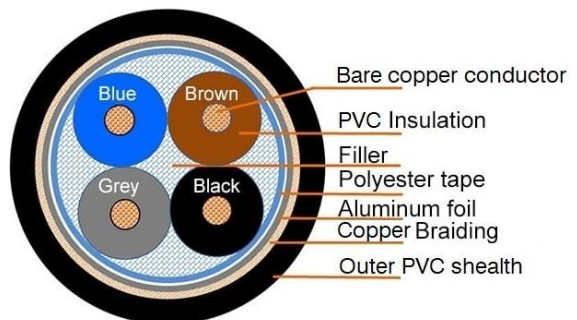
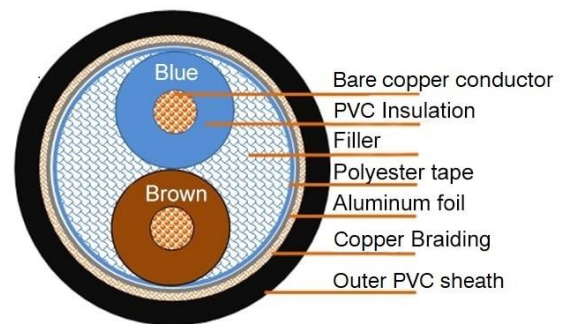
Eco friendly PVC thickness 0.55-0.7 mm

### Colour Code

Blue/Brown, Blue/Brown/Black/Gray,  
Red/Yellow/Blue/Green/Black/Brown/Gray

### Additional specs

- JB/T8734.4-2016
- Voltage: 300V
- Sunlight Resistant
- Moisture and vapor resistant
- Abrasion resistant
- Can be used outdoors
- -20°C to +70°C (Dry or Wet)



# RSVP cable

## Instrumentation Cable RSVP

### Conductors

Soft bare copper wire

### Insulation

Eco friendly PVC

### Overall Shield

Aluminum foil

### Jacket

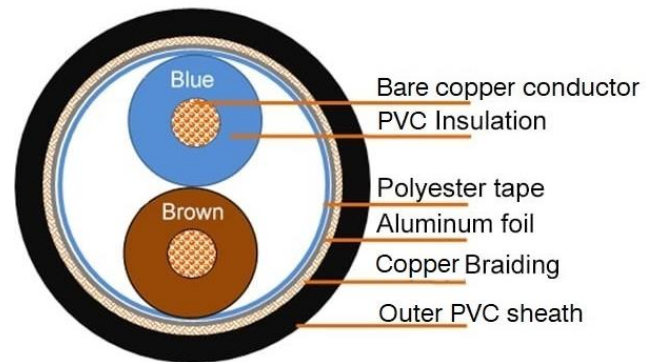
Eco friendly PVC thickness 0.6 mm

### Colour Code

Blue/Brown

### Additional specs

- JB/T8734.4-2016
- Voltage: 300V
- Sunlight Resistant
- Moisture and vapor resistant
- Abrasion resistant
- Can be used outdoors
- -20°C to +70°C (Dry or Wet)



# RS485 cable

## Data Cable RS485

### Conductors

Soft tinned copper wire

### Insulation

Polyethylene HDPE

### Overall Shield

Tinned wire

### Jacket

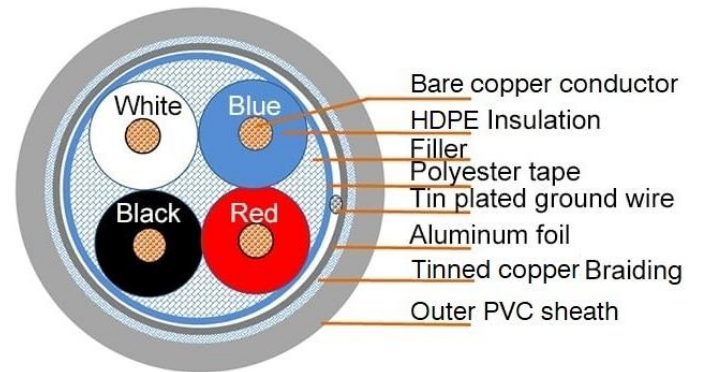
Eco friendly PVC thickness

### Colour Code

White/Blue/Red/Black

### Additional specs

- Voltage: 300V
- Sunlight Resistant
- Moisture and vapor resistant
- Abrasion resistant
- Can be used outdoors
- -20°C to +70°C (Dry or Wet)





# Ethernet Cat 6 FTP cable

## Ethernet Cable Cat 6 FTP data cable

### Conductors

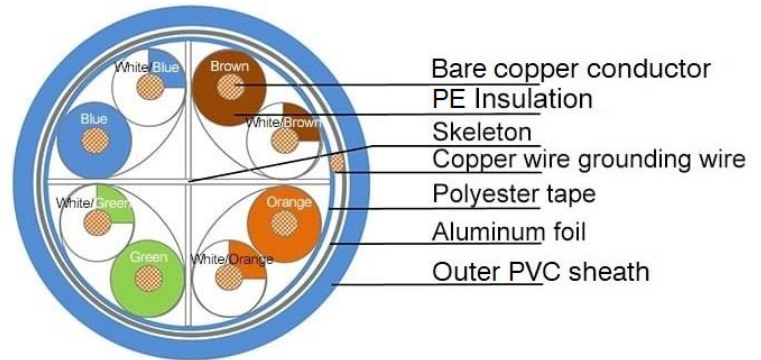
Soft bare copper wire

### Insulation

Polyethylene (PE)

### Jacket

Eco friendly PVC thickness 0.55-0.7 mm



### Colour Code

Blue / white blue, brown / white brown, green / white green, orange / white orange

### Cover

Blue PVC thickness 0.8mm

### Additional specs

- TIA/EIA-568-B
- Sunlight Resistant
- Moisture and vapor resistant
- Abrasion resistant
- Can be used outdoors
- -30° C to +70° C (Dry or Wet)



# Ethernet Cat 6 SFTP cable

## Ethernet Cable Cat 6 SFTP data cable

### Conductors

Soft bare copper wire

### Insulation

Polyethylene (PE)

### Jacket

Eco friendly PVC thickness 0.55-0.7 mm

### Colour Code

Blue / white blue, brown / white brown,  
green / white green, orange / white orange

### Cover

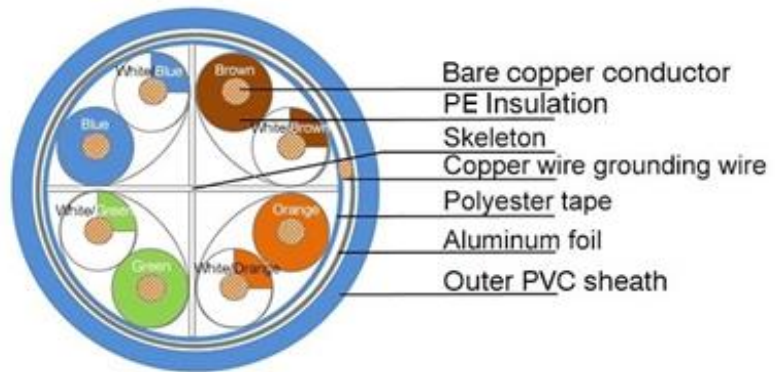
Blue PVC thickness 0.8mm

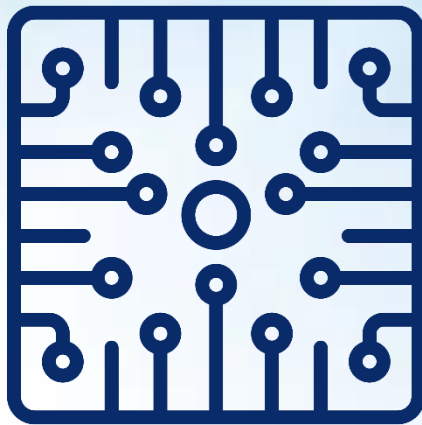
### Shield

Bare copper wire

### Additional specs

- TIA/EIA-568-B
- Sunlight Resistant
- Moisture and vapor resistant
- Abrasion resistant
- Can be used outdoors
- -30°C to +70°C (Dry or Wet)





**CTP**  

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