



## Product Description:

**Braid and metallic screened Instrumentation cable RE-2Y(St)CY with flame retardant outer sheath**

**Nominal Voltage:** 300 / 500 V

**Conductor:** pure annealed copper 7 strands as to IEC60228, VDE0295, class 2, class B

**Conductor nominal cross section area:** 0.5sqmm, 0.75sqmm, 1.0 sqmm, 1.3sqmm, 1.5sqmm, 2.5sqmm

**Insulation:** PVC (Y type); PE (2Y type); XLPE (2X type)

**Insulation color: Pair:** a core, black; b core, white; **Triple:** a core, black; b core, white; c core, red; Quadruplex: a core, black; b core, white; c core, red, d core: grey;with number print;

**Communication core (optional):** 0.5 sqmm (7/0.30mm) tinned copper, PE or XLPE insulated, orange (for multicore version)

**Lay-up:** pair cores are strand communication core with together twisted layers

**Wrapping tape:** clear polyester tape

**Drain wire:** 0.5 sqmm (7/0.3mm) tinned copper wires stranded

**General Shield:** Electrostatic screen of plastic-coated Aluminum foil 100% coverage and tinned copper wire braid with screened (St)C

**Outer sheath:** cold resistant flame retardant PVC

**Sheath color:** Black, or Blue, or Grey, or as per request

**Temperature range:** fixed laying: -30~+70°C; flexible application: -5~+50°C

**Package:** 100 meters per coil, or wooden drum, or as per requirement

**Main product model:** RE-2Y(St)CY, RE-Y(St)CY, RE-2X(St)CY

**Product standard:** IEC60277, IEC60228, IEC60332-1, EN 50288-7

## Product characteristics:

Cold temperature resistance, halogen free and flame retardant and high electrical conductivity; the electrostatic screen protect the screened pairs (triples or quadruple) against ourter electrostatic interference fields; Low level of line attenuations and low mutual capacitances enable long transmission distances and fast pulse acceleration.

## Product application:

These Instrumentation cables are generally employed in instrumentation and control systems, analog and digital signal transmission of chemical and petrochemical industrial premises, power plants, natural gas and petroleum industries, etc., Direct connections is not permitted under ambient with a low impedance sources. They are suitable in dry and wet indoor and outdoor installations.

## Product parameter: (more details please email us: [info@himakecable.com](mailto:info@himakecable.com))

Nominal cross section (mm <sup>2</sup> )	Conductor type	AWG-No.	Approx. Overall diameter (mm)	Copper figure (kg/km)	Approx. cable weight (kg/km)
2×2×0.5	Class 2	20	7.5	34	78
4×2×0.5	Class 2	20	8.6	56	113
8×2×0.5	Class 2	20	11.2	98	194
10×2×0.5	Class 2	20	13.0	120	241
12×2×0.5	Class 2	20	13.7	141	278
16×2×0.5	Class 2	20	15.1	181	352
2×2×0.75	Class 2	19	8.2	48	96
4×2×0.75	Class 2	19	9.4	79	144

## Product Advantages:

1. The conductor is made of new pure annealed copper, ensuring a good electrical properties and a very good conductivity.





2. We are a very professional cable manufacturer with advanced production equipments and strict quality inspection system, ensuring the products complying the standards applied and customized requirement.

### **Production equipments**





## **Products Quality inspection equipments**







3. We have more than 15 years' export experience and exported products to more than 60 countries over the world with a good reputation internationally.







4. We not only offer good products and good service to our customers, but also try to develop our staffs, offering a good training, good working and living conditions to the staffs.







5. Also we are a company with highly social responsibility, often take part in public benefits activities, like tree planting, green environment activities, aiding poor students and the people in difficult condition to achieve their dreams, etc.



## **How to contact us?**

Put your inquiry details in the box below, and click "Contact Now".