



Product Description:

Individual and overall screened Instrumentation cable RE-2Y(St)Yv PiMF TiMF with cold resistant flame retardant enhanced outer sheath

Nominal Voltage: 300/500V

Conductor: pure annealed copper 7 strands as to IEC60228, VDE0295, class2

Conductor nominal cross section area: 0.5sqmm, 0.75sqmm, 1.3sqmm

Insulation: PE

Insulation color: Pair: a core, black; b core, white; **Triple:** a core, black; b core, white; c core, red; with number print; cores laid up to form pairs or tipples and all stranded together

Individual shield: PiMF: Pairs in Metal Foil, double cores are fixed with PES tape, tinned drain wire and AL-PES tape with screened; **TiMF:** Triple cores are fixed with PES tape, tinned drain wire and AL-PES tape with screened;

Communication core (optional): 0.5 sqmm, PE insulated, orange (for multicore version)

Overall wrapping tape: clear polyester tape

Overall Shield: Electrostatic screen (St) of plastic-coated Aluminum foil

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

Outer sheath: cold resistant flame retardant PVC

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

Temperature range: fixed laying: -40~+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)Y PiMF, RE-2Y(St)Yv PiMF, RE-2Y(St)Y TiMF, RE-2Y(St)Yv TiMF

Product standard: IEC60277, IEC60332-1, BS5308, VDE0816, EN50288-7

Product characteristics:

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

Product application:

The Instrumentation cables are used in data processing and process control and intended for transmission of analogue and digital signals. They allow transmission over long distance at high pulse rates, the individual screening of each pair limits the consequences of crosstalk. Their screening protects the transferred signal from the electromagnetic interferences. The low attenuation and capacitance of this type make the signal transmission easier both in short and in longer distances. These cables are used in industrial installation such as refineries, chemical plants etc...

Product parameter: (more details please email us: info@himakecable.com)

Nominal cross section (mm ²)	Conductor type	AWG-No.	Approx. Overall diameter (mm)	Copper figure (kg/km)	Approx. cable weight (kg/km)
2×2×0.5	Class 2	20	8.3	34	87
4×2×0.5	Class 2	20	9.6	59	129
8×2×0.5	Class 2	20	12.5	108	227
10×2×0.5	Class 2	20	14.5	133	282
12×2×0.5	Class 2	20	15.3	157	327
2×2×0.75	Class 2	19	9.0	46	105
4×2×0.75	Class 2	18	10.4	80	160
2×2×1.0	Class 2	17	9.8	58	123

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".