

## PVC INSULATED, PVC SHEATHED OVERALL SCREENED, WIRE BRAID ARMoured MULTI PAIR INSTRUMENTATION CABLE



### TECHNICAL DATA

- Max. Operating Temperature: 70°C
- Rated Voltage: 300/500V
- Min. Bending Radius: 8x Cable Outer Diameter
- Production Standard: EN 50288-7

### CONSTRUCTION

**Conductor:** Electrolytic, stranded, annealed plain copper wires to IEC 60228 Class 2 (Class 1 or Class 5 and / or tinned on request)

**Insulation:** PVC compound to EN50290-2-21

**Binder Tape:** Polyester foil on each twisted pair

**Collective Screen:** Aluminium/polyester foil with a tinned copper drain wire in direct contact with the metallic side of the foil

**Inner Sheath:** PVC compound to EN50290-2-22

**Armour:** Wire braid armoured to EN 10257-1

**Outer Sheath:** Flame retardant PVC compound to EN50290-2-22.

Blue for intrinsically safe cable, Black for UV resistant and/or non-intrinsically safe cable, Gray for indoor applications

### CODE of CABLE

- CU/PVC/OSCR/PVC/SWB/PVC;  
RE-Y(St)YSWBY-fl (MULTIPAIR)

### INTRODUCTION

These cables used in Instrumentation and control engineering analogue and digital signal transmission, chemistry industry, petrochemical industry, power plants, dry, damp and wet environments, gas stations, water conveyance systems indoors and outdoors applications. These cables shall not be connected directly to mains electricity supply or other low impedance sources, since they are not designed to be used for power supply.

### SECTION RANGE

- From 0.50mm<sup>2</sup> up to 2.50mm<sup>2</sup>

### CONDUCTOR QUANTITY

- From 1 pair up to 50 pairs

### COLOUR CODE of CABLE

- Insulation Colours code could be according to the International Standards or customer's request/demand.  
\* **Other colours can be produced upon the customer requests.**