Caledonian

Industrial Cables (German Standard)

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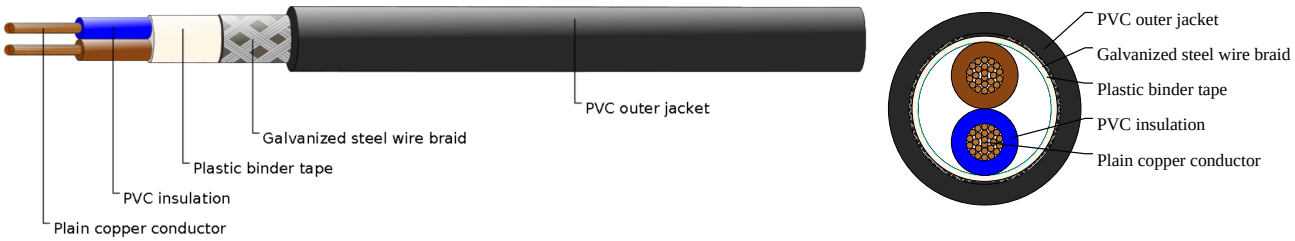
SY Steel Wire Braid Cable



APPLICATIONS

SY Steel Wire Braid Cable is supplied to a wide number of industries including building and construction (often in airports), rail and transport infrastructure, transmission, distribution and power networks as well as automation and process control. SY Cable is used as interconnecting cable for measuring, controlling or regulation in signal and control equipment. This braided control cable is found frequently on assembly and production lines, conveyors, in computer units and machine tool manufacture. The SY Cable's flexible and versatile design makes it a great choice for linking fixed and mobile equipment – as well as projects where fixed installations are required. With the right protection (such as keeping it out of direct sunlight), SY Control Cable is useful for outdoor installations. The SY Flex is most suitable, however, for work in dry or moist indoor environments.

STANDARDS

BS 6500
VDE 0250

VOLTAGE RATING

300/500V

CABLE CONSTRUCTION

- Plain copper conductor
- Stranded to DIN VDE 0295 cl. 5, BS 6360 cl. 5 IEC 60228 cl.5
- PVC core insulation type Y12
- Black with White numbers
- Green-yellow grounding (3 conductors and above)
- PVC bedding type YM2
- Galvanized Steel Wire Braid
- Transparent PVC outer jacket type YM2

COLOUR CODE

Insulation Colour Code
Colour coded to VDE 0293-308
2 cores - Brown + Blue

PHYSICAL AND THERMAL PROPERTIES

- Test voltage: 3000 volts
- Minimum bending radius: 10 x Ø
- Flexing temperature: -15º C to +70º C
- Static temperature: -35º C to +70º C
- Short circuit temperature: +160º C
- Flame retardant: IEC 60332.3
- Insulation resistance: 20 MΩ x km

DIMENSION AND PARAMETERS

No. of Cores × Cross-sectional Area	AWG Size	Nominal Dia. over Bedding	Diameter over Braid	Approx. Overall Diameter	Approx. Weight
No.×mm²		mm	mm	mm	kg/km
2x0.75	18(24/32)	6.1	7.1	9.0	95