



Caledonian

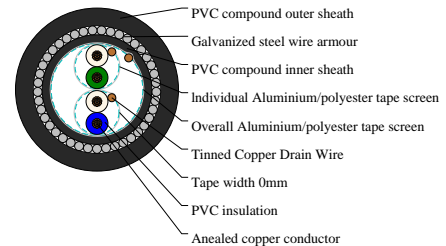
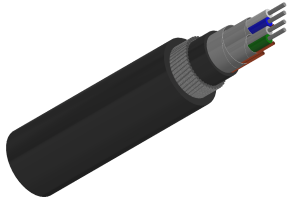
BS 5308 Instrumentation Cables

www.caledonian-cables.co.uk

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BS5308 Cable Part 2 Type 2 PVC-IS-OS-SWA-PVC

RE-Y(ST)Y PIMF SWAY 2P0.5



APPLICATIONS

The armored versions (Part 2 Type 2) are generally used when the risk of mechanical damage is increased. The galvanised steel wire armour provides excellent protection. Generally used within industrial process manufacturing plants for communication, data and voice transmission signals and services, Also used for the interconnection of electrical equipment and instruments, typically in chemical or petrolchemical industry. The armored versions are generally use for outdoor installation for direct burial or installed in the duct and suitable for wet and damp areas.

CABLE CONSTRUCTION

Conductor :Annealed or tinned copper, sizes: 0.5mm² and 0.75mm² multistranded(Class5), 1.5mm² multistranded(Class 2) to BS6360

Insulation: PVC (polyvinyl chloride),type T11 to BS 6746

Pairing: Two insulated conductors uniformly twisted together with a lay not exceeding 100mm

Colour code :Multipair cables:See technical information

Individual screen :Aluminium/polyester tape is applied over each pair metallic side down in contact with tinned copper drain wire, 0.5mm²

Binder tape: PETP transparent tape

Collective screen Aluminium/polyester tape is applied over the laid up pairs metallic side down in contact with tinned copper drain wire, 0.5mm²

Inner Sheath :PVC (polyvinyl chloride), type TM 1 to BS 6746

Amour: Galvanized steel wire armour

Outer sheath :PVC Sheath, type TM 1 or type 6 to BS 6746

Sheath colour :Black or blue

MECHANICAL PROPERTIES

Operating temperature: -40°C up to + 70°C(fixed installation)
0°C to +50°C(during operation)

Minimum bending radius: 6 x overall diameter

DIMENSION AND PARAMETERS



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No. of Pairs	No. and Dia. of Wires	Nominal Conductor Cross-Sectional Area	Nominal Insulation Thickness	Nominal Bedding Thickness	Nominal Dia. over Bedding	Nominal Sheath Thickness
	no./mm	mm ²	mm	mm	mm	mm
2	16/0.2	0.5	0.6	0.8	106	1.3