

Multicore Cable

Type SY

pro-POWER

RoHS
Compliant



Product Type:

Control Cable

Application:

SY control cable is suitable for use in a number of markets, such as engineering, building, construction, automation and process control. Being braid armoured it is particularly suited as an interconnecting cable in installations where mechanical protection is required for the cable such as heavy industry and process plant. It's flexibility also enables it to be easily used in mobile installations. The LSOH insulation and sheath enables the cable to be used where smoke and toxic gas emission could pose a hazard to life or equipment.

Standards / Conformances:

Generally to BS6500 and VDE0250
IEC60754

Construction:

Conductor	Plain annealed copper conductors to EN60228, Class 5
Insulation	PVC insulation.
Core Id	Black with White numbers. (3 cores and above to include Green/Yellow).
Core	Cores layed-up.
Bedding	LSOH
Screen	Galvanised steel wire braid
Sheath	LSOH sheath; Black

Technical Information:

Insulation resistance : >200M Ω .km
Voltage rating : 300/500V
Temperature rating : -30°C to +70°C
Min Bend Radius : 10 × nom diameter

Conductor / mm ²	Max. conductor resistance / Ω /km
1.5	13.3
2.5	7.98

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No. of Cores × Nominal Cross Sectional Area / mm ²	Nominal Overall Diameter / mm	Nominal Weight kg/ km
3 × 1.5	9.6	150
4 × 1.5	10.4	177
3 × 2.5	11.2	207
5 × 2.5	13.6	315

Part Number Table

Description	Part Number
Multicore, 3 Conductor, 100m, 500V	SY0004LS0H
Multicore, 3 Conductor, 100m, 500V	SY0005LS0H
Multicore, 4 Conductor, 100m, 500V	SY0008LS0H
Multicore, 5 Conductor, 100m, 500V	SY0013LS0H

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