

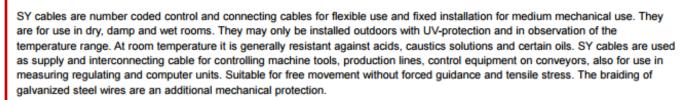
**ENGLISH** 

**Datasheet** 

Stock No: 827-4202

RS Pro SY Control Screened Cable, 2

Core



## Technical Data

Conductor : Bare copper, fine wire strand in accordance to IEC 60 228 that is VDE 0295, class 5

Core insulation : PVC compound TI1 in accordance to VDE 0207

Identification : In acc. to VDE 0293, black cores with white numbers with or without green / yellow ground conductor

Inner sheath : PVC compound TM2 in acc. to VDE 0207

Braid : Galvanised steel wire braid

Outer sheath : Transparent PVC compound TM2 in acc. to VDE 0207

Nominal voltage : 300 / 500 V Test voltage : 3,000 V ac

Temperature range : For flexible use -5 up to +70°C maximum conductor temperature

Fixed installation -40 up to +80°C maximum conductor temperature

Minimum bending radius : Fixed installation 12.5 × cable diameter

Flame retardant : In acc. to IEC 60 332.1 resp. VDE 0472 part 804

EC directive : This cable confirms to ECD 73 / 23 / EEC (low voltage directive)





## Specifications:

Description	Number of Cores × Cross Sectional Area (mm²)	Outer Diameter (mm)	Weight Kg / Km
Cable, SY, 2 Core, 0.75 mm, 50M	2 × 0.75	9.4	128
Cable, SY, 2 Core, 1 mm, 50M	2 × 1	9.8	137
Cable, SY, 2 Core, 1.5 mm, 50M	2 × 1.5	10.6	172
Cable, SY, 2 Core, 2.5 mm, 50M	2 × 2.5	13	246
Cable, SY, 2 Core, 0.75 mm, Per M	2 × 0.75	9.4	128
Cable, SY, 2 Core, 1 mm, Per M	2 × 1	9.8	137
Cable, SY, 2 Core, 1.5 mm, Per M	2 × 1.5	10.6	172
Cable, SY, 2 Core, 2.5 mm, Per M	2 × 2.5	13	246