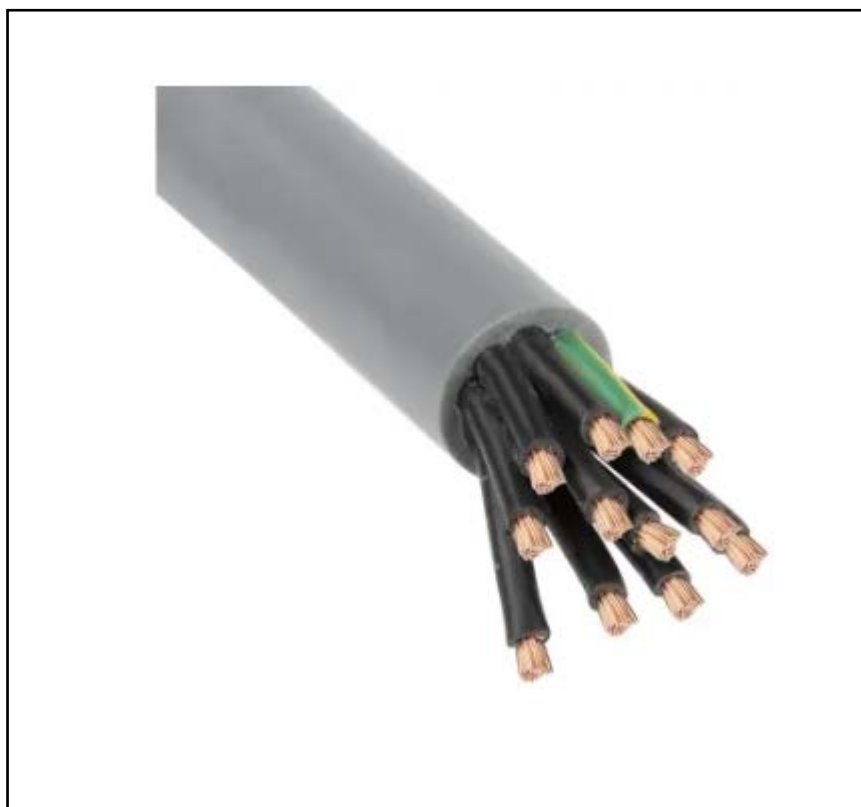


FEATURES

- Ideal for space saving installations
- YY control cable has a grey PVC outer sheathing
- Good chemical resistance
- Versatile multi-core power and signal cables
- White numbers on the outer sheath

RS PRO 12 Core YY Control Cable, 2.5 mm², 50m, Unscreened

RS Stock No.: 522-496



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

The YY control cables from RS PRO are unscreened, reliable connecting electrical cables which combine the characteristics of a flexible mains cable, coupled with saving space due to the small cable diameters suitable for fixed installations

General Specifications

Screened/Unscreened	Unscreened
Sheath Colour	Grey
Sheath Material	Polyvinyl Chloride PVC
Insulation Colour	Black x 11 , Yellow/Green
Filler Material	Chalk
Tape	Mylar
Applications	Plant engineering, Conveyor and transport systems, Heating and air-conditioning systems

Electrical Specifications

Current Rating	20A
Voltage Rating	300V/500V
Maximum Conductor DC Resistance	<8.2Ω/km at 20°C
Minimum Insulation DC Resistance	>500MΩ/km at 20°C
Earth Cable	No
Conductor Material	Bare Copper
Insulation Material	PVC

Mechanical Specifications

Length	50m
Number of Cores	12
Number of Strands	50
Size of Strands	0.25mm
Core Strands	50/0.25mm
Cross Sectional Area	2.5mm ²
Outer Diameter	16.4mm+-0.3
Conductor Diameter	0.25mm +- 0.008 x 50
Insulation Diameter	3.4mm +-0.1 x 12C
American Wire Gauge	13
Minimum Bend Radius	8 x Diameter
Oil Resistant	No
Armoured	No

Operation Environment Specifications

Operating Temperature Range	Static:
	-20°C to 80°C
Minimum Operating Temperature	-20°C
Maximum Operating Temperature	80°C

Approvals

Compliance/Certifications	RoHS Certificate Of Compliance
Standards Met	RoHS /IEC 60228/VDE 0295 IEC 60 228 that is VDE 0295, class 5

