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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 18 Core YY Control Cable, 0.5 mm², 50m, Unscreened

RS Stock No.: 827-4307



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.

YY Cable

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

Cable Shape	Multicore
Screened/Unscreened	Unscreened
Sheath Colour	Grey
Sheath Material	Polyvinyl Chloride PVC
Filler Material	Non-Wicking Filler
Fire Behaviour	Flame Retardant
Applications	Plant engineering, Conveyor and transport systems, Heating and air-conditioning systems

Electrical Specifications

Current Rating	9A
Voltage Rating	300V/500V
Maximum Conductor DC Resistance	39O/km
Test Voltage	4000VAC
Earth Cable	Yes
Conductor Material	Bare Copper
Insulation Material	PVC

YY Cable

Mechanical Specifications

Length	50m
Number of Cores	18
Number of Strands	16
Size of Strands	0.20mm
Core Strands	16/0.20mm
Cross Sectional Area	0.5mm^2
Outer Diameter	10.5mm
American Wire Gauge	20
Minimum Bend Radius	Fixed - 4 x D Occasional Flexing - 10 x D
Oil Resistant	Yes
Armoured	No
Weight	188kg/km

Operation Environment Specifications

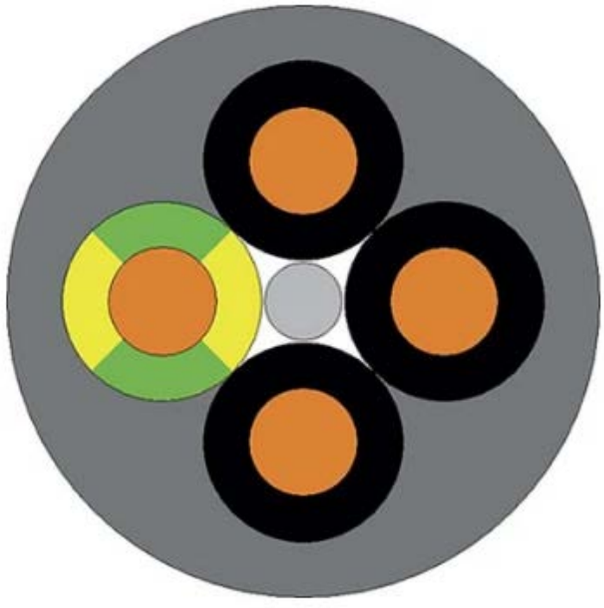
Operating Temperature Range	**Flexing:**	**Static:**
	-5°C to 70°C	-40°C to 80°C
Minimum Operating Temperature	-5°C	40°C
Maximum Operating Temperature	70°C	80°C

Approvals

Compliance/Certifications	RoHS Certificate Of Compliance
Standards Met	IEC 60228/VDE 0295, IEC 60 228 that is VDE 0295, class 5 ,IEC 60332.1 , ECD 73/23/EEC

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Part Number	No. Cores x Cross Sectional Area (mm^2)	Outer Diameter (mm)	Weight Kg/Km
8274234	YY 2x0.5	4.8	35
8274252	YY 3G0.5	5.1	42
8274268	YY 4G0.5	5.7	54
8274274	YY 5G0.5	6.2	63
8274293	YY 7G0.5	6.7	81
8274300	YY 12G0.5	8.9	131
8274307	YY 18G0.5	10.5	188
8274319	YY 25G0.5	12.4	261
8274243	YY 2G0.75	5.4	45
8274278	YY 5G0.75	6.7	79
8274296	YY 7G0.75	7.3	101
8274313	YY 25G0.75	13.8	337
8274246	YY 2x1.0	5.7	53
8274287	YY 5G1.0	7.1	94
8274290	YY 7G1.0	8.0	126
8274303	YY 12G1.0	10.5	205
8274316	YY 18G1.0	12.7	320
8274322	YY 25G1.0	14.7	408
8274240	YY 2x1.5	6.3	68
8274325	YY 25G1.5	16.9	560
8274259	YY 2x2.5	7.5	101
8274329	YY 25G2.5	20.8	890
8274256	YY 3G4.0	9.9	201
8274262	YY 4G4.0	10.8	249
8274280	YY 5G4.0	12.1	294
8274265	YY 3G6.0	11.7	289
8274271	YY 4G6.0	13.0	365
8274284	YY 5G6.0	14.5	447