

# NYM-J Unscreened Multicore PVC Power and Control Cable

pro-POWER

RoHS  
Compliant



## Application:

Power and control cable for fixed installation in, on or under plaster, in dry and damp conditions. Suitable for outdoor use if protected from direct sunlight.

## Construction:

### Conductor:

Class 1 solid copper conductor according to BS EN 60228

### Insulation:

PVC (Polyvinyl Chloride)

### Filler:

PVC (Polyvinyl Chloride)

### Sheath:

PVC (Polyvinyl Chloride)

## Cable Standards

Made in accordance with the following:  
VDE 0205 Part 204, IEC 60332-1-2

## Characteristics:

### Voltage Rating (Uo/U):

300/500V

### Temperature Rating:

Fixed: -40°C to +70°C

Flexed: +5°C to +70°C

### Min. Bending Radius:

Fixed : 4 × overall diameter

### Core Identification

Up to and including 5 core: colour coded

### Sheath Colour

Grey

## Dimensions:

Part Number	No. of Cores	Nominal Cross Sectional Area mm <sup>2</sup>	Nominal Overall Diameter mm	Nominal Weight kg/km
PP001154	3	1.5	9	111
PP001157		2.5	10	158
PP001155	4	1.5	9	133
PP001158		2.5	11	191
PP001156	5	1.5	10	155
PP001159		2.5	12	225

# NYM-J Unscreened Multicore PVC Power and Control Cable



## Conductors

Class 1 Solid Conductors for Multi-Core Cables

Nominal Cross Sectional Area mm <sup>2</sup>	Max. Resistance of Conductor at 20°C Circular, Annealed Copper Conductor Plain Wires Ω/km
1.5	12.1
2.5	7.41

## Electrical Characteristics:

Current Carrying Capacity

Nominal Cross Sectional Area mm <sup>2</sup>	Reference Method A (Enclosed In Conduit In Thermally Insulating Wall Etc)		Reference Method B (Enclosed In Conduit On A Wall or in a Trunking Etc)		Reference Method C (Clipped Direct)		Reference Method E (In Free Air Or On A Perforated Cable Tray Etc, Horizontal Or Vertical)	
	1 Two-Core Cable Single-Phase AC or DC A	1 Three-Core Cable or 1 Four-Core Cable Three Phase AC A	1 Two-Core Cable Single-Phase AC or DC A	1 Three-Core Cable or 1 Four-Core Cable Three Phase AC A	1 Two-Core Cable Single-Phase AC or DC A	1 Three-Core Cable or 1 Four-Core Cable Three Phase AC A	1 Two-Core Cable Single-Phase AC or DC A	1 Three-Core Cable or 1 Four-Core Cable Three Phase AC A
1.5	14	13	16.5	15	19.5	17.5	22	18.5
2.5	18.5	17.5	23	20	27	24	30	25

## Part Number Table

Description	No. of Cores	Nominal Cross Sectional Area mm <sup>2</sup>	Reel Length	Part Number
NYM-J Unscreened Multicore PVC Power and Control Cable	3	1.5	50m	PP001154
		2.5		PP001157
	4	1.5		PP001155
		2.5		PP001158
	5	1.5		PP001156
		2.5		PP001159

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