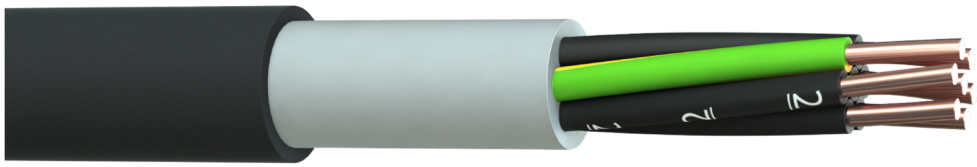
NYY-J Multicore PVC Unarmourd Power Cable
Technical Datasheet

Description: Multicore PVC Power Cable for Fixed Installations in Moist and Dry Rooms, Outdoors, Underground and in Concrete.



CONSTRUCTION PRODUCTS REGULATION
BS EN 50575
CLASS Eca
INDEPENDENTLY VERIFIED

Construction

Conductor Material	: Bare Copper, Class 1 or 2
Insulation Material	: Polyvinyl Chloride (PVC)
Inner Sheath material	: Polyvinyl Chloride (PVC)
Outer Sheath Material	: Polyvinyl Chloride (PVC)
Outer Sheath Colour	: Black
Core Identification	: See Chart Attached
Conductor Types	: See Table Below re = Solid Round Conductors rm = Stranded Conductors sm = sector shaped conductor

Electrical Characteristics

Conductor Resistance	: BS EN 60228
Working Voltage	: 0.6/1kV
Test Voltage	: 4000v

Physical Characteristics

Overall Diameter		: See Table
Min. Bend Radius	Conductor Type re	: 15 x OD
	Conductor Type rm & sm	: 12 x OD
Temperature Rating		: Flexing -5°C to +50°C Fixed -40°c to +70°c

Standards

RoHS3 Compliant	: Yes
CE Compliant	: LVD (2014/35/EU), CPR (305/2011)
CPR Classification	: Eca (EN50575:2014+A1:2016)

Part No.	Cores x mm²	Con. Type	OD mm Max
N0100102-E00	2 x 1.5	re	10.5
N0100103E-E00	3 x 1.5	re	11.0
N0100104E-E00	4 x 1.5	re	12.0
N0100105E-E00	5 x 1.5	re	13.0
N0100107E-E00	7 x 1.5	re	13.3
N0100112E-E00	12 x 1.5	re	16.6
N0100119E-E00	19 x 1.5	re	19.2
N0100124E-E00	24 x 1.5	re	22.0
N0100130E-E00	30 x 1.5	re	23.8
N0100202-E00	2 x 2.5	re	11.3
N0100203E-E00	3 x 2.5	re	12.2
N0100204E-E00	4 x 2.5	re	13.0
N0100205E-E00	5 x 2.5	re	14.0
N0100207E-E00	7 x 2.5	re	15.0
N0100212E-E00	12 x 2.5	re	18.1
N0100219E-E00	19 x 2.5	re	22.8
N0100224E-E00	24 x 2.5	re	24.6
N0100230E-E00	30 x 2.5	re	26.9

Part No.	Cores x mm²	Con. Type	OD mm Max
N0100402-E00	2 x 4.0	re	13.4
N0100403E-E00	3 x 4.0	re	14.0
N0100404E-E00	4 x 4.0	re	15.1
N0100405E-E00	5 x 4.0	re	15.8
N0100602-E00	2 x 6.0	re	14.4
N0100603E-E00	3 x 6.0	re	15.1
N0100604E-E00	4 x 6.0	re	16.3
N0100605E-E00	5 x 6.0	re	17.3
N0101002-E00	2 x 10	re	15.9
N0101003E-E00	3 x 10	re	16.8
N0101004E-E00	4 x 10	re	18.3
N0101005E-E00	5 x 10	re	19.5
N0101602-E00	2 x 16	re	18.0
N0101603E-E00	3 x 16	re	19.0
N0101604E-E00	4 x 16	re	20.8
N0101605E-E00	5 x 16	re	22.7
N0102502-E00	2 x 25	rm	23.8
N0102503E-E00	3 x 25	rm	23.9
N0102504E-E00	4 x 25	rm	25.7

Part No.	Cores x mm²	Con. Type	OD mm Max
N0102505E-E00	5 x 25	rm	28.8
N0103503E-E00	3 x 35	rm	26.5
N0103504E-E00	4 x 35	sm	28.8
N0103505E-E00	5 x 35	rm	32.1
N0105003E-E00	3 x 50	sm	28.0
N0105004E-E00	4 x 50	sm	32.0
N0107003E-E00	3 x 70	sm	30.0
N0107004E-E00	4 x 70	sm	36.0
N0109503E-E00	3 x 95	sm	34.5
N0109504E-E00	4 x 95	sm	42.0
N0112003E-E00	3 x 120	sm	39.0
N0112004E-E00	4 x 120	sm	45.0
N0115003E-E00	3 x 150	sm	40.0
N0115004E-E00	4 x 150	sm	50.0
N0118503E-E00	3 x 185	sm	46.0
N0118504E-E00	4 x 185	sm	54.0
N0124003E-E00	3 x 240	sm	51.0
N0124004E-E00	4 x 240	sm	64.0

Information and images on this techincal datasheet are intended for guidance only and products may vary due to manufacturing changes, technical improvements and commercial factors. We reserve the right to amend the product information without notice or liability.

NYY-J Multicore PVC Unarmourd Power Cable
Technical Datasheet

Description: Multicore PVC Power Cable for Fixed Installations in Moist and Dry Rooms, Outdoors, Underground and in Concrete.

2 Core
Blue
Brown

3 Core
Blue
Brown
Green/Yellow

4 Core
Brown
Black
Grey
Green/Yellow

5 Core
Blue
Brown
Black
Grey
Green/Yellow

7 Core & Above Black with White Numbers + green/Yellow

Information and images on this techincal datasheet are intended for guidance only and products may vary due to manufacturing changes, technical improvements and commercial factors. We reserve the right to amend the product information without notice or liability.