

**PVC INSULATED AND SHEATHED ONE CORE NON ARMoured COPPER MAINS
CABLES 0.6/1KV**

SPECIFICATION: IEC 60502-1

TYPE: NCYY 1 - core

IDENTIFICATION: N: Standard cable type
C: Copper conductor
Y: PVC Insulation
Y: PVC Sheath

APPLICATION: Used in installations, in cable ducts/trays and in industrial plants, substations. Can also be used underground with additional protections (where mechanical damage may be expected).

DIMENSIONAL CHARACTERISTICS

NOMINAL CROSS SECTIONAL AREA mm ²	CONDUCTOR NUMBER X DIAMETER OF WIRE mm	RADIAL THICKNESS OF		APPROXIMATE OVERALL DIAMETER mm	MAXIMUM CURRENT RATING A		WEIGHT kg/ STANDARD LENGTH kg	STANDARD DELIVERY LENGTH m	DELIVERY FORM
		Insulation mm	sheath mm		A				
					in ground	in air			
1.5	1/1.38	0.8	1.4	5.8	31	23	6.1	100	Coil
2.5	1/1.78	0.8	1.4	6.2	42	31	7.7	100	Coil
4	1/2.25	1.0	1.4	7.1	55	40	10.0	100	Coil
6	1/2.76	1.0	1.4	7.6	70	51	12.4	100	Coil
10	7/1.35	1.0	1.4	8.9	92	70	18.0	100	Coil
16	7/1.70	1.0	1.4	9.9	122	91	24.8	100	Coil
25	7/2.14	1.2	1.4	11.6	160	122	361	1,000	R10
35	7/2.50	1.2	1.4	12.7	197	152	467	1,000	R10
50	19/1.78	1.4	1.4	14.5	235	187	608	1,000	R10
70	19/2.14	1.4	1.4	16.3	294	235	828	1,000	R12
95	19/2.52	1.6	1.5	18.8	353	292	1115	1,000	R12
120	37/2.03	1.6	1.5	20.4	403	339	1365	1,000	R12
150	37/2.25	1.8	1.6	22.6	454	387	1658	1,000	R14
185	37/2.52	2.0	1.7	25.0	521	444	2077	1,000	R16
240	61/2.25	2.2	1.8	28.0	605	539	1338	500	R14
300	61/2.52	2.4	1.9	31.3	689	618	1657	500	R14
400	61/2.85	2.6	2.0	34.9	806	740	2106	500	R14
500	61/3.20	2.8	2.1	38.6	932	870	2636	500	R16
*630	91/2.97	2.8	2.2	42.7	1092	1024	3370	500	R18

Solid copper conductor up to 6mm²