

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

SPECIFICATION: IEC 60502-1

TYPE: NCYY 2 - 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).

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 drum
		Insulation mm	inner sheath mm	outer sheath mm		in ground				
						in air				
1.5	1/1.38	0.8	0.8	1.8	11.2	25	17	154	1000	R8
2.5	1/1.78	0.9	0.8	1.8	12.4	34	23	193	1000	R10
4	1/2.25	1.0	0.8	1.8	13.8	45	30	251	1000	R10
6	1/2.76	1.0	0.8	1.8	14.8	55	40	307	1000	R10
10	7/1.35	1.0	0.8	1.8	17.4	74	55	443	1000	R12
16	7/1.70	1.0	0.8	1.8	19.4	97	74	597	1000	R12
25	7/2.14	1.2	1.2	1.8	23.6	126	98	904	1000	R14
35	7/2.50	1.2	1.2	2.0	26.4	151	120	1176	1000	R14
50	19/1.78	1.4	1.2	2.0	28.8	176	146	1502	1000	R16
70	19/2.14	1.4	1.5	2.0	34.0	218	185	1031	500	R14
95	19/2.52	1.6	1.5	2.2	39.0	265	224	1387	500	R16
120	37/2.03	1.6	1.5	2.2	42.2	302	260	1676	500	R18
150	37/2.25	1.8	1.8	2.6	47.6	336	299	2097	500	R20

Solid copper conductor up to 6mm²

Stranded sectoral conductor for sizes of 50mm² and above