

# PVC INSULATED AND SHEATHED FIVE -CORE NON ARMoured COPPER MAINS CABLES 0.6/1KV

**SPECIFICATION:** IEC 60502-1

**TYPE:** NCYY 5 - 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 <sup>2</sup>	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	13.3	16	11	237	1000	R10
2.5	1/1.78	0.9	0.8	1.8	14.9	21	16	316	1000	R10
4	1/2.25	1.0	0.8	1.8	16.8	27	21	426	1000	R12
6	1/2.76	1.0	0.8	1.8	18.2	34	27	545	1000	R12
10	7/1.35	1.0	1.8	1.8	22.1	46	38	843	1000	R14
16	7/1.70	1.0	1.0	2.0	25.2	59	50	1202	1000	R14
25	7/2.14	1.2	1.0	2.0	29.8	76	66	1775	1000	R16
35	7/2.50	1.2	1.0	2.0	31.2	91	82	2178	1000	R16
50	19/1.78	1.4	1.0	2.2	36.2	109	99	1454	500	R14
70	19/2.14	1.4	1.0	2.6	41.9	135	125	2040	500	R14

Solid copper conductor up to 6mm<sup>2</sup>

Stranded sectoral conductor for sizes of 50mm<sup>2</sup> and above