

Copper Conductor PVC Insulated Building Wire

Cu/PVC 450/750 V (NYA)



Specification :
SNI 04-6629.3 : 2006

Constructions:

Conductor

Annealed plain copper round circular stranded or according to SNI IEC 60228

Insulation

Extruded layer of Polyvinyl Chloride (PVC) complied with SNI 6629.1 ; SNI 04-6629.3

Colour :

- Yellow Strip Green or Light Blue or Black or Yellow or Red



Applications:

Permanent Installation in conduit or exposed wiring in dry location.

Note : [re] round solid conductor
[rm] circular stranded conductor

Packing : [C] Coil
[D] Drum

Conductor Nominal crosssection area	Nominal Thickness Insulation	Overall Diameter (approx)	Weight of Cable (approx)	Min. Insulation DC Resistance at 20°	Current Carrying Capacity at 30°C		Short Circuit Current Capacity at 1.0	Standard delivery length
					In Pipe	In Air		
sq.mm	mm	mm	kg/km	M.Ohm.km	A	A	kA	mm
1.5 re	0.7	3.1	19	12	15	24	0.17	100/Coil or Drum
1.5 rm	0.7	3.2	20	11	15	24	0.17	100/Coil or Drum
2.5 re	0.8	3.5	31	10	19	32	0.29	100/Coil or Drum
2.5 rm	0.8	3.6	33	9	19	32	0.29	100/Coil or Drum
4 re	0.8	4.0	45	10	25	42	0.46	100/Coil or Drum
4 rm	0.8	4.2	48	9	25	42	0.46	100/Coil or Drum
6 re	0.8	4.4	65	9	33	54	0.69	100/Coil or Drum
6 rm	0.8	4.8	71	8	33	54	0.69	100/Coil or Drum
10 rm	1.0	5.7	92	7	45	73	1.15	Drum
10 re	1.0	6.1	108	6	45	73	1.15	Drum
16 rm	1.0	7.2	175	5	61	98	1.84	Drum
25 rm	1.2	8.8	273	5	83	129	2.88	Drum
35 rm	1.2	9.9	367	4	103	158	4.03	Drum
50 rm	1.4	11.6	523	4	132	197	5.75	Drum
70 rm	1.4	13.3	692	4	165	245	8.05	Drum
95 rm	1.6	15.6	962	4	197	290	10.93	Drum
120 rm	1.6	17.2	1192	3	235	345	13.80	Drum
150 rm	1.8	19.1	1511	3	-	390	17.25	Drum
185 rm	2.0	21.4	1844	3	-	445	21.28	Drum
240 rm	2.2	24.4	2430	3	-	525	27.60	Drum
300 rm	2.4	27.2	3015	3	-	605	34.50	Drum
400 rm	2.6	30.4	3863	3	-	725	46.00	Drum