

Copper Conductor PVC Insulated and PVC Sheathed Indoor Cable

Cu/PVC/PVC 300/500 V (NYM)

Specification :
SNI 04-6629.4 : 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 04-6629.4

Colour :

- Light Blue, Brown



Inner Covering / filler

Extruded Polyvinyl Chloride (PVC), Black colour

Outer Sheath

The Outer Sheath shall be a layer of Extruded Polyvinyl Chloride (PVC) Grade ST4 to SNI 04-6629.4. White colour.

Applications:

Permanent Installation in conduit under plaster or exposed wiring in dry location.

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

Packing : [C] Coil
[D] Drum

No. of cores and cross section area	Nominal Thickness		Overall Diameter (approx)	Weight of Cable (approx)	Min. Insulation DC Resistance at 20°	Current Carrying Capacity in air		Short Circuit Current Capacity at 1.0 Second	Standard delivery length
	Insulation	Outer Sheath				30°C Second	40°C Second		
sq.mm	mm	mm	mm	kg/km	M.Ohm.km	A	A	kA	m
2 x 1.5 re	0.7	1.2	8.8	112	12	19	16	0.17	100/Coil or Drum
2 x 1.5 rm	0.7	1.2	9.1	119	11	19	16	0.17	100/Coil or Drum
2 x 2.5 re	0.8	1.2	9.6	145	10	25	22	0.29	100/Coil or Drum
2 x 2.5 rm	0.8	1.2	10.1	157	9	25	22	0.29	100/Coil or Drum
2 x 4 re	0.8	1.2	11.3	209	10	34	30	0.46	100/Coil or Drum
2 x 4 rm	0.8	1.2	11.9	227	9	34	30	0.46	100/Coil or Drum
2 x 6 re	0.8	1.2	12.3	267	9	44	39	0.69	Drum
2 x 6 rm	0.8	1.2	13.1	291	8	44	39	0.69	Drum
2 x 10 re	1.0	1.4	16	435	7	61	53	1.15	Drum
2 x 10 rm	1.0	1.4	17.1	453	6	61	53	1.15	Drum
2 x 16 rm	1.0	1.4	18.2	621	5	82	71	1.84	Drum
2 x 25 rm	1.2	1.4	22.3	958	5	108	94	2.88	Drum
2 x 35 rm	1.2	1.6	24.9	1249	4	134	117	4.03	Drum

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Colour three cores :

- Yellow Strip Green, Light Blue and Brown
- Brown, Black And Grey



Colour four cores :

- Yellow Strip Green, Brown, Black and Grey
- Light Blue, Brown, Black and Grey



Inner Covering / filler

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	Insulation	Outer Sheath				30°C	40°C		
sq.mm	mm	mm	mm	kg/km	M.Ohm.km	A	A	kA	m
3 x 1.5 re	0.7	1.2	9.2	132	12	19	16	0.17	100/Coil or Drum
3 x 1.5 rm	0.7	1.2	9.6	140	11	19	16	0.17	100/Coil or Drum
3 x 2.5 re	0.8	1.2	10.1	175	10	25	22	0.29	100/Coil or Drum
3 x 2.5 rm	0.8	1.2	10.6	188	9	25	22	0.29	100/Coil or Drum
3 x 4 re	0.8	1.2	11.9	254	10	34	30	0.46	100/Coil or Drum
3 x 4 rm	0.8	1.2	12.6	274	9	34	30	0.46	100/Coil or Drum
3 x 6 re	0.8	1.4	12.9	538	9	61	53	1.15	Drum
3 x 6 rm	0.8	1.4	13	331	8	44	39	0.69	Drum
3 x 10 re	1.0	1.4	15.8	359	7	44	39	0.69	Drum
3 x 10 rm	1.0	1.4	17	562	6	61	53	1.15	Drum
3 x 16 rm	1.0	1.4	19.2	784	5	82	71	1.84	Drum
3 x 25 rm	1.2	1.6	23.6	1214	5	108	94	2.88	Drum
3 x 35 rm	1.2	1.6	26.4	1593	4	134	117	4.03	Drum
4 x 1.5 re	0.7	1.2	9.9	159	12	19	16	0.17	100/Coil or Drum
4 x 1.5 rm	0.7	1.2	10.3	169	11	19	16	0.17	100/Coil or Drum
4 x 2.5 re	0.8	1.2	10.9	214	10	25	22	0.29	100/Coil or Drum
4 x 2.5 rm	0.8	1.2	11.5	230	9	25	22	0.29	100/Coil or Drum
4 x 4 re	0.8	1.4	12.9	313	10	34	30	0.46	100/Coil or Drum
4 x 4 rm	0.8	1.4	13.6	338	9	34	30	0.46	100/Coil or Drum
4 x 6 re	0.8	1.4	14.1	411	9	44	39	0.69	Drum
4 x 6 rm	0.8	1.4	15	446	8	44	39	0.69	Drum
4 x 10 re	1.0	1.4	17.8	673	7	61	53	1.15	Drum
4 x 10 rm	1.0	1.4	18.5	701	6	61	53	1.15	Drum
4 x 16 rm	1.0	1.4	21	987	5	82	71	1.84	Drum
4 x 25 rm	1.2	1.6	25.9	1530	5	108	94	2.88	Drum
4 x 35 rm	1.2	1.6	28.9	2014	4	134	117	4.03	Drum

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Inner Covering / filler

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	Insulation	Outer Sheath				30°C	40°C	1.0 second	
sq.mm	mm	mm	mm	kg/km	M.Ohm.km	A	A	kA	m
5 x 1.5 re	0.7	1.2	10.7	189	12	19	16	0.17	100/Coil or Drum
5 x 1.5 rm	0.7	1.2	11.1	201	11	19	16	0.17	100/Coil or Drum
5 x 2.5 re	0.8	1.2	11.8	256	10	25	22	0.29	100/Coil or Drum
5 x 2.5 rm	0.8	1.2	12.5	276	9	25	22	0.29	100/Coil or Drum
5 x 4 re	0.8	1.4	14	377	10	34	30	0.46	100/Coil or Drum
5 x 4 rm	0.8	1.4	14.8	407	9	34	30	0.46	100/Coil or Drum
5 x 6 re	0.8	1.4	15.4	499	9	44	39	0.69	Drum
5 x 6 rm	0.8	1.4	16.4	540	8	44	39	0.69	Drum
5 x 10 re	1.0	1.4	19.5	827	7	61	53	1.15	Drum
5 x 10 rm	1.0	1.4	20.2	854	6	61	53	1.15	Drum
5 x 16 rm	1.0	1.6	23	1208	5	82	71	1.84	Drum
5 x 25 rm	1.2	1.6	28.3	1874	4	108	94	2.88	Drum
5 x 35 rm	1.2	1.6	31.7	2471	4	134	117	4.03	Drum