

Single Core Flexible Copper Conductor PVC Insulated

Cu/PVC-f 450/750 V (NYAF)



Specification :
SNI 04-6629.3 : 2006

Constructions:

Conductor

Annealed plain copper wires bunch stranded, according to SNI IEC 60228

Insulation

Extruded layer of Polyvinyl Chloride (PVC) complied with SNI 6629.1 ; SNI 04-6629.5

Colour :

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



Applications:

Used for fixed Installation inside appliances, switchgear and controlgear.

Note : [f] Flexible bunched wire

Packing : [C] Coil
[D] Drum

Conductor		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 second	Standard delivery length
Nominal crosssection area	No. of wire and Diameter					In Pipe	In Air		
sq.mm	mm	mm	mm	kg/km	M.Ohm.km	A	A	kA	m
1.5 f	30/0.25	0.7	3.2	23	10	15	24	0.17	100/Coil or Drum
2.5 f	50/0.25	0.8	4.0	36	9	20	32	0.29	100/Coil or Drum
4 f	56/0.3	0.8	4.6	51	8	25	41	0.46	100/Coil or Drum
6 f	84/0.3	0.8	5.2	73	7	33	53	0.69	100/Coil or Drum
10 f	84/0.4	1.0	6.5	116	7	45	72	1.15	Drum
16 f	126/0.4	1.0	8.0	180	5	61	97	1.84	Drum
25 f	196/0.4	1.2	10.1	275	4	82	128	2.88	Drum
35 f	278/0.4	1.2	11.3	385	4	102	156	4.03	Drum
50 f	398/0.4	1.4	13.4	550	4	131	195	5.75	Drum
70 f	360/0.5	1.4	15.4	750	3	164	243	8.05	Drum
95 f	475/0.5	1.6	17.7	1000	3	205	287	10.93	Drum
120 f	608/0.5	1.6	20.0	1240	3	233	342	13.80	Drum
150 f	760/0.5	1.8	21.9	1550	3	-	386	17.25	Drum
185 f	925/0.5	2	24.2	1900	3	-	441	21.28	Drum
240 f	1221/0.5	2.2	26.6	2450	3	-	525	27.60	Drum