CU/PVC

NYAF

Flexible Copper Conductor, PVC Insulated

Applications:

- Power cord or internal wiring with low mechanical stress for electrical equipments, machineries, distribution panels, luminaires and other electrical used in dry indoor premises, substitutes NYA.
- Permanent instalation in conduit, inherently flame retardant in compliance with IEC 60332-1.

Rated Voltage : 300/500 V
Standard Specification : SNI 04-6629.3 : 2006 (IEC 06)

Cable Size (No. of core x Conductor Area)	Conductor Make-up (No.of wire x Diameter)	DC Resistance at 20°C Conductor	DC Resistance at 70°C Insulation	Current Carrying Capacity in air 30°C	Short Circuit Current 1 Sec.	Insulation/ Thickness	Overall Diameter	Cable Weight	Standard Packing Length *
nom. (mm²)	*nom. (mm)*	*max. (ohm/km)*	*min. (Mohm.km)*	*max. (A)*	*max. (A)*	*nom. (mm)*	*approx. (mm)*	*approx. (kg/km)*	*(meter/ packing)*
0.5	16 x 0.20	39.0	0.013	6	58	0.6	2.2	9	100/c
0.75	24 x 0.20	26.0	0.011	10	86	0.6	2.3	12	100/c
1.00	32 x 0.20	19.5	0.010	16	115	0.6	2.6	16	100/c

Test Voltage : 2,000 VAC/5 minutes

Rated Voltage : 450/750 V
Standard Specification : SNI 04-6629.3 : 2006 (IEC 02)

Cable Size (No. of core x Conductor Area)	Conductor Make-up (No.of wire x Diameter)	DC Resistance at 20°C Conductor	DC Resistance at 70°C Insulation	Current Carrying Capacity in air 30°C	Short Circuit Current 1 Sec.	Insulation/ Thickness	Overall Diameter	Cable Weight	Standard Packing Length *
nom. (mm²)	*nom. (mm)*	*max. (ohm/km)*	*min. (Mohm.km)*	*max. (A)*	*max. (A)*	*nom. (mm)*	*approx. (mm)*	*approx. (kg/km)*	*(meter/ packing)*
1.5	30 x 0.25	13.3	0.010	24	173	0.7	3.2	22	100/c
2.5	50 x 0.25	7.98	0.009	32	288	0.8	3.9	35	100/c
4	56 x 0.30	4.95	0.007	41	460	0.8	4.4	52	100/c
6	84 x 0.30	3.30	0.006	53	690	0.8	5.0	73	100/c
10	80 x 0.40	1.91	0.0056	72	1,150	1.0	6.4	122	100/c
16	126 x 0.40	1.21	0.0046	97	1,840	1.0	7.4	180	100/c
25	196 x 0.40	0.78	0.0044	128	2,875	1.2	9.3	275	1,000/d
35	276 x 0.40	0.554	0.0038	156	4,025	1.2	10.5	347	1,000/d
50	396 x 0.40	0.386	0.0037	195	5,750	1.4	12.4	531	1,000/d
70	360 x 0.50	0.272	0.0032	243	8,050	1.4	14.2	735	1,000/d
95	475 x 0.50	0.206	0.0032	287	10,925	1.6	16.5	969	1,000/d
120	608 x 0.50	0.161	0.0029	342	13,801	1.6	18.5	1,279	1,000/d
150	756 x 0.50	0.129	0.0029	386	17,251	1.8	20.3	1,559	1,000/d
185	925 x 0.50	0.106	0.0029	441	21,276	2.0	22.6	1,899	500/d
240	1221 x 0.50	0.0801	0.0028	520	27,601	2.2	25.7	2,479	500/d

Test Voltage : 2,500 VAC/5 minutes