

Al/PVC 0.6/1 kV (NAYA)

Specification :
SNI IEC 60502-1 : 2009
IEC 60502-1 : 2004








Construction:

Conductor

Aluminium conductor round circular stranded according to SNI IEC 60228

Insulation

Extruded layer of Polyvinyl Chloride (PVC) complied with SNI IEC 60502 - 1

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

Special Features on Request :

- Fire Resistance • Flame Retardant Cat. A/B/C • Oil Resistance
- UV Resistance • Anti termite • Anti rodent • Low Smoke Zero Halogen

Applications :

For Installations as underground, outdoor, indoor, in ducts and where mechanical protection is required or for higher tensile stresses during installation and operation.

Note : [rm] Circular stranded conductor

Packing : [D] Drum

No. of cores and cross-section area	Nominal thickness	Overall Diameter	Weight of Cable	DC. Resistance at 20 °C	Current Carrying Capacity at 30 °C		Short circuit current of conductor at 1.0 sec	Standard Delivery Length
	Insulation	(approx)	(approx)	Insulation Min	In Pipe	In Air		
sq.mm	mm	mm	kg/km	M.Ω.km	A	A	kA	m
16 rm	1.0	7.3	77	5	48	77	1.22	1,000
25 rm	1.2	9.0	117	5	65	101	1.90	1,000
35 rm	1.2	10.1	153	4	80	123	2.66	1,000
50 rm	1.4	12.2	210	4	103	154	3.80	1,000
70 rm	1.4	13.7	271	4	129	191	5.32	1,000
95 rm	1.6	16.0	374	4	162	226	7.22	1,000
120 rm	1.6	17.7	452	3	184	269	9.12	1,000
150 rm	1.8	19.7	559	3	-	305	11.40	1,000
185 rm	2.0	22.0	696	3	-	348	14.06	1,000
240 rm	2.2	25.1	903	3	-	410	18.24	1,000
300 rm	2.4	27.9	1,119	3	-	473	22.80	1,000
400 rm	2.6	31.3	1,410	3	-	566	27.20	1,000