NYA

Cu / PVC 450 / 750 V

FIRSTCABLE

Construction

- Annealed Bare Copper Conductor
- PVC Insulated
- Flame Retardancy : IEC-60332-1
- Standard : IEC-20227-1
  : SNI 04-6629.3-2006

(other specifications are available on request : tinned copper conductor, flame retardancy to IEC 60332-cat.A/B/C, low smoke halogen free, heat resistant, oil resistant, hydrocarbon resistant, anti termite, anti rodent)

Application

- For permanent installation in conduit or wiring in dry location

Construction and Electrical Data

Nom. Cross Section Area	Conductor		Overall Diameter	Cable Weight	Conductor		Insulation	Current - Carrying Capacity at 30°C		Short circuit current at 1 sec
					DC Resistance at 20°C	AC Resistance at 70°C	Insulation Resistance at 20°C	in pipe	in air	
	Shape	No. of wire	approx.	approx.	Max.	Max.	Min.	Max.	Max.	Max.
(mm²)	-	pcs	(mm)	(kg/km)	(Ω/km)	(Ω/km)	(M.Ω./km)	(A)	(A)	(kA)
1.5	re (rm)	1 (7)	2.9 (3.1)	21	12.1000	14.478	50	15	24	0.17
2.5	re (rm)	1 (7)	3.5 (3.7)	32	7.4100	8.886	50	19	32	0.29
4	re (rm)	1 (7)	3.9 (4.3)	46	4.6100	5.516	50	25	42	0.46
6	re (rm)	1 (7)	4.4 (4.7)	65	3.0800	3.685	50	33	54	0.69
10	re (rm)	1 (7)	5.6 (6.1)	108	1.8300	2.190	50	45	73	1.15
16	rm	7	7.2	176	1.1500	1.376	40	61	98	1.84
25	rm	7	8.8	271	0.7270	0.870	40	83	129	2.88
35	rm	7	10.0	373	0.5240	0.627	40	103	158	4.03
50	rm	19	11.8	496	0.3870	0.464	30	132	197	5.75
70	rm	19	13.5	692	0.2680	0.321	30	165	245	8.05
95	rm	19	15.9	975	0.1930	0.232	30	207	290	10.93
120	rm	37	17.4	1192	0.1530	0.184	30	235	345	13.80
150	rm	37	19.4	1482	0.1240	0.150	20	-	390	17.25
185	rm	37	21.7	1861	0.0991	0.121	20	-	445	21.28
240	rm	61	24.7	2425	0.0754	0.093	20	-	525	27.60
300	rm	61	27.6	3042	0.0601	0.075	20	-	605	34.50
400	rm	61	30.1	3801	0.0470	0.060	20	-	725	41.20