



Construction

- Annealed Bare Copper Conductor
- Extruded PVC Insulated
- PVC Outer Sheath , white colour
- Flame Retardancy : IEC-60332-1
- Standard : IEC-60227-1
: SNI 04-6629.4-2006

(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, indoor use.

Construction and Electrical Data

Number of Cores & Nom. Cross Section Area	Overall Diameter	Cable Weight	Conductor		Insulation	Inductance	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			
			approx.	approx.	Max.			
(mm ²)	(mm)	(kg/km)	(Ω/km)	(Ω/km)	(M.Ω./km)	(mH/km)	(A)	(kA)
2 x 1.5	9.2	127	12.1000	14.478	50	0.329	19	0.17
2 x 2.5	10.5	173	7.4100	8.866	50	0.318	25	0.29
2 x 4	11.3	215	4.6100	5.516	50	0.297	33	0.46
2 x 6	12.3	273	3.0800	3.685	50	0.281	44	0.69
2 x 10	15.6	446	1.8300	2.190	50	0.278	61	1.16
2 x 16	18.8	670	1.1500	1.376	40	0.255	82	1.84
2 x 25	22.4	984	0.7270	0.870	40	0.252	108	2.92
2 x 35	25.7	1333	0.5240	0.627	40	0.244	134	4.05
3 x 1.5	9.7	149	12.1000	14.478	50	0.329	19	0.17
3 x 2.5	11.1	205	7.4100	8.866	50	0.318	25	0.29
3 x 4	11.9	259	4.6100	5.516	50	0.297	33	0.46
3 x 6	13.5	353	3.0800	3.685	50	0.281	44	0.69
3 x 10	16.5	550	1.8300	2.190	50	0.278	61	1.16
3 x 16	20.3	854	1.1500	1.376	40	0.255	82	1.84
3 x 25	24.2	1262	0.7270	0.870	40	0.252	108	2.92
3 x 35	27.3	1684	0.5240	0.627	40	0.244	134	4.05

Construction and Electrical Data

Number of Cores & Nom. Cross Section Area	Overall Diameter	Cable Weight	Conductor		Insulation	Inductance	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			
			Max.	Max.	Min.			
(mm ²)	(mm)	(kg/km)	(Ω/km)	(Ω/km)	(M.Ω./km)	(mH/km)	(A)	(kA)
4 x 1.5	10.5	177	12.1000	14.478	50	0.329	19	0.17
4 x 2.5	12.0	245	7.4100	8.866	50	0.318	25	0.29
4 x 4	13.4	330	4.6100	5.516	50	0.297	33	0.46
4 x 6	15.0	442	3.0800	3.685	50	0.281	44	0.69
4 x 10	17.9	678	1.8300	2.190	50	0.278	61	1.16
4 x 16	22.2	1064	1.1500	1.376	40	0.255	82	1.84
4 x 25	27.0	1613	0.7270	0.870	40	0.252	108	2.92
4 x 35	30.0	2122	0.5240	0.627	40	0.244	134	4.05