



Construction

- Annealed Bare Copper Conductor
- Extruded XLPE Insulated
- PVC Inner Sheath
- Galvanized Steel Wire Armoured
- PVC Outer Sheath, black colour, UV Resistant
- Flame Retardancy : IEC-60332-1
- Standard : IEC-60502-1

(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

- Use as power cable, installed indoor, outdoor and direct burial with mechanical stress.

Construction and Electrical Data

Number of Cores & Nom. Cross Section Area	Overall Diameter	Cable Weight	Conductor		Inductance	Current - Carrying Capacity at 30°C		Short circuit current at 1 sec
			DC Resistance at 20°C	AC Resistance at 90°C		in air	in ground	
			Max.	Max.		Max.	Max.	
(mm ²)	(mm)	(kg/km)	(Ω/km)	(Ω/km)	(mH/km)	(A)	(A)	(kA)
2 x 1.5	13.9	368	12.1000	15.429	0.315	30	35	0.21
2 x 2.5	14.7	420	7.4100	9.449	0.293	40	46	0.36
2 x 4	16.7	598	4.6100	5.878	0.275	53	60	0.57
2 x 6	17.7	670	3.0800	3.927	0.263	67	75	0.86
2 x 10	19.5	848	1.8300	2.334	0.248	92	101	1.43
2 x 16	22.4	1198	1.1500	1.467	0.238	122	131	2.29
2 x 25	25.2	1593	0.7270	0.927	0.240	162	169	3.58
2 x 35	28.1	1950	0.5240	0.669	0.233	199	204	5.01
2 x 50	31.7	2447	0.3870	0.494	0.232	240	241	7.15
2 x 70	37.	3449	0.2680	0.342	0.229	302	295	10.01
2 x 95	41.4	4392	0.1930	0.247	0.224	369	353	13.59
2 x 120	46.1	5575	0.1530	0.196	0.223	427	400	17.16
2 x 150	47.5	5303	0.1240	0.160	0.224	486	447	21.45
2 x 185	54.0	6890	0.0991	0.128	0.225	558	503	26.46
2 x 240	59.5	8463	0.0754	0.099	0.223	655	579	34.32
2 x 300	65.0	10151	0.0601	0.080	0.221	743	646	42.90

Construction and Electrical Data

Number of Cores & Nom. Cross Section Area	Overall Diameter	Cable Weight	Conductor		Inductance	Current - Carrying Capacity at 30°C		Short circuit current at 1 sec
			DC Resistance at 20°C	AC Resistance at 90°C		in air	in ground	
			Max.	Max.		Max.	Max.	
(mm ²)	(mm)	(kg/km)	(Ω/km)	(Ω/km)	(mH/km)	(A)	(A)	(kA)
3 x 1.5	14.4	400	12.1000	15.429	0.315	25	28	0.21
3 x 2.5	15.3	464	7.4100	9.449	0.293	34	37	0.36
3 x 4	17.4	667	4.6100	5.878	0.275	44	48	0.57
3 x 6	18.4	756	3.0800	3.927	0.263	56	60	0.86
3 x 10	20.4	972	1.8300	2.334	0.248	78	81	1.43
3 x 16	23.4	1381	1.1500	1.467	0.238	103	105	2.29
3 x 25	27.0	1869	0.7270	0.927	0.240	138	135	3.58
3 x 35	29.8	2435	0.5240	0.669	0.233	169	163	5.01
3 x 50	34.5	3170	0.3870	0.494	0.232	209	193	7.15
3 x 70	39.2	4153	0.2680	0.342	0.229	264	238	10.01
3 x 95	43.9	5351	0.1930	0.247	0.224	322	283	13.59
3 x 120	49.3	6843	0.1530	0.196	0.223	372	323	17.16
3 x 150	54.0	8183	0.1240	0.160	0.224	427	362	21.45
3 x 185	54.9	9982	0.0991	0.128	0.225	490	407	26.46
3 x 240	66.3	12374	0.0754	0.099	0.223	574	470	34.32
3 x 300	73.8	15734	0.0601	0.080	0.221	653	527	42.90
4 x 1.5	15.2	446	12.1000	15.429	0.315	28	24	0.21
4 x 2.5	17.0	621	7.4100	9.449	0.293	37	31	0.36
4 x 4	18.4	740	4.6100	5.878	0.275	49	41	0.57
4 x 6	19.6	867	3.0800	3.927	0.263	63	51	0.86
4 x 10	22.5	1247	1.8300	2.334	0.248	86	68	1.43
4 x 16	25.3	1642	1.1500	1.467	0.238	115	89	2.29
4 x 25	29.3	2241	0.7270	0.927	0.240	154	114	3.58
4 x 35	32.4	2834	0.5240	0.669	0.233	189	138	5.01
4 x 50	38.0	3885	0.3870	0.494	0.232	220	169	7.15
4 x 70	42.8	5058	0.2680	0.342	0.229	277	207	10.01
4 x 95	49.5	7040	0.1930	0.247	0.224	339	248	13.59
4 x 120	54.0	8384	0.1530	0.196	0.223	394	283	17.16
4 x 150	59.3	10076	0.1240	0.160	0.224	455	316	21.45
4 x 185	65.7	12298	0.0991	0.128	0.225	516	357	26.46
4 x 240	74.1	16128	0.0754	0.099	0.223	605	413	34.32
4 x 300	81.7	19608	0.0601	0.080	0.221	687	464	42.90
5 x 1.5	16.9	602	12.1000	15.429	0.315	29	33	0.21
5 x 2.5	18.0	688	7.4100	9.449	0.293	38	43	0.36
5 x 4	19.0	846	4.6100	5.878	0.275	51	56	0.57
5 x 6	20.9	996	3.0800	3.927	0.263	65	70	0.86
5 x 10	24.1	1441	1.8300	2.334	0.248	89	94	1.43
5 x 16	27.1	1901	1.1500	1.467	0.238	119	121	2.29
5 x 25	31.9	2652	0.7270	0.927	0.240	160	157	3.58
5 x 35	36.0	3658	0.5240	0.669	0.233	196	188	5.01
5 x 50	41.3	4596	0.3870	0.494	0.232	238	221	7.15

Construction and Electrical Data

Number of Cores & Nom. Cross Section Area (RM)	Overall Diameter	Cable Weight	Conductor		Insulation	Current - Carrying Capacity at 30°C		Short circuit current at 1 sec	Standard Length per Drum
			DC Resistance at 20°C	AC Resistance at 70°C	Insulation Resistance at 20°C	in air	in ground		
			Max.	Max.	Min.	Max.	Max.		
(mm ²)	(mm)	(kg/km)	(Ω/km)	(Ω/km)	(M.Ω./km)	(A)	(A)	(kA)	(m)
7 x 1.5	17.8	639	12.1000	14.478	50	17	22	0.21	1000
7 x 2.5	19.0	754	7.4100	8.866	50	23	29	0.36	1000
10 x 1.5	22.1	980	12.1000	14.478	50	16	20	0.21	1000
10 x 2.5	23.8	1163	7.4100	8.866	50	21	26	0.36	1000
12 x 1.5	22.1	997	12.1000	14.478	50	15	18	0.21	1000
12 x 2.5	23.8	1193	7.4100	8.866	50	20	24	0.36	1000
14 x 1.5	22.9	1075	12.1000	14.478	50	14	17	0.21	1000
14 x 2.5	24.7	1338	7.4100	8.866	50	18	22	0.36	1000
16 x 1.5	23.8	1198	12.1000	14.478	50	13	16	0.21	1000
16 x 2.5	24.8	1320	7.4100	8.866	50	18	21	0.36	1000
19 x 1.5	24.7	1259	12.1000	14.478	50	12	12	0.21	1000
19 x 2.5	26.8	1587	7.4100	8.866	50	17	17	0.36	1000
24 x 1.5	28.8	1604	12.1000	14.478	50	12	12	0.21	1000
24 x 2.5	31.2	1955	7.4100	8.866	50	16	16	0.36	1000
27 x 1.5	28.8	1630	12.1000	14.478	50	11	11	0.21	1000
27 x 2.5	31.2	2000	7.4100	8.866	50	15	15	0.36	1000
30 x 1.5	29.6	1729	12.1000	14.478	50	10	10	0.21	1000
30 x 2.5	32.3	2149	7.4100	8.866	50	14	14	0.36	1000
33 x 1.5	28.9	1690	12.1000	14.478	50	9	10	0.21	1000
33 x 2.5	31.7	2100	7.4100	8.866	50	13	15	0.36	1000
37 x 1.5	31.6	1971	12.1000	14.478	50	8	9	0.21	1000
37 x 2.5	35.5	2715	7.4100	8.866	50	12	14	0.36	1000