



Construction

- Annealed Bare Copper Conductor
- Extruded PVC Insulated
- PVC Inner Sheath
- Double Steel Tape 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	13.3	290	12.1000	14.478	0.351	24	27	0.17
2 x 2.5	14.1	335	7.4100	8.866	0.315	32	36	0.29
2 x 4	16.2	449	4.6100	5.516	0.303	42	48	0.46
2 x 6	17.2	522	3.0800	3.685	0.288	53	61	0.69
2 x 10	19.0	670	1.8300	2.190	0.269	73	81	1.15
2 x 16	21.2	877	1.1500	1.376	0.255	96	106	1.84
2 x 25	24.4	1205	0.7270	0.870	0.255	126	136	2.88
2 x 35	26.9	1527	0.5240	0.627	0.246	155	164	4.03
2 x 50	30.8	1979	0.3870	0.464	0.247	186	194	5.75
2 x 70	35.0	2636	0.2680	0.321	0.238	235	239	8.05
2 x 95	38.0	2464	0.1930	0.232	0.238	286	284	10.93
2 x 120	42.5	3960	0.1530	0.184	0.233	331	324	13.80
2 x 150	46.5	4764	0.1240	0.150	0.233	377	364	17.25
2 x 185	51.5	5820	0.0991	0.121	0.233	430	408	21.28
2 x 240	57.5	7358	0.0754	0.093	0.232	507	472	27.60
2 x 300	63.5	9012	0.0601	0.075	0.231	577	530	34.50

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	13.8	320	12.1000	14.478	0.351	20	28	0.17
3 x 2.5	14.8	381	7.4100	8.866	0.315	27	37	0.29
3 x 4	17.0	514	4.6100	5.516	0.303	36	48	0.46
3 x 6	18.0	602	3.0800	3.685	0.288	45	60	0.69
3 x 10	20.0	792	1.8300	2.190	0.269	62	81	1.15
3 x 16	22.3	1053	1.1500	1.376	0.255	82	105	1.84
3 x 25	25.9	1478	0.7270	0.870	0.255	108	135	2.88
3 x 35	28.7	1906	0.5240	0.627	0.246	133	163	4.03
3 x 50	33.3	2510	0.3870	0.464	0.247	166	193	5.75
3 x 70	38.5	3683	0.2680	0.321	0.238	208	238	8.05
3 x 95	44.1	4927	0.1930	0.232	0.238	255	283	10.93
3 x 120	48.0	5844	0.1530	0.184	0.233	295	323	13.80
3 x 150	52.5	7116	0.1240	0.150	0.233	337	362	17.25
3 x 185	58.4	8796	0.0991	0.121	0.233	387	407	21.28
3 x 240	65.6	11166	0.0754	0.093	0.232	457	470	27.60
3 x 300	64.0	10964	0.0601	0.075	0.231	523	527	34.50
4 x 1.5	14.8	369	12.1000	14.478	0.340	23	27	0.17
4 x 2.5	15.8	438	7.4100	8.866	0.315	31	36	0.29
4 x 4	18.2	596	4.6100	5.516	0.303	41	47	0.46
4 x 6	19.4	709	3.0800	3.685	0.288	52	58	0.69
4 x 10	21.6	952	1.8300	2.190	0.269	71	78	1.15
4 x 16	24.2	1282	1.1500	1.376	0.255	94	100	1.84
4 x 25	28.4	1832	0.7270	0.870	0.255	126	130	2.88
4 x 35	31.6	2383	0.5240	0.627	0.246	154	156	4.03
4 x 50	37.9	3501	0.3870	0.464	0.247	177	175	5.75
4 x 70	42.2	4560	0.2680	0.321	0.238	221	215	8.05
4 x 95	48.9	6196	0.1930	0.232	0.238	272	257	10.93
4 x 120	52.7	7350	0.1530	0.184	0.233	314	292	13.80
4 x 150	58.5	9024	0.1240	0.150	0.233	363	329	17.25
4 x 185	64.4	11049	0.0991	0.121	0.233	412	369	21.28
4 x 240	72.3	14068	0.0754	0.093	0.232	488	427	27.60
4 x 300	81.5	18411	0.0601	0.075	0.231	559	480	34.50
5 x 1.5	15.7	419	12.100	14.478	0.340	24	28	0.17
5 x 2.5	16.8	503	7.410	8.866	0.304	32	37	0.29
5 x 4	19.5	695	4.610	5.516	0.303	43	48	0.46
5 x 6	20.9	836	3.080	3.685	0.288	54	60	0.69
5 x 10	23.3	1121	1.830	2.190	0.269	74	80	1.15
5 x 16	26.4	1538	1.150	1.376	0.255	97	103	1.84
5 x 25	31.0	2204	0.727	0.870	0.255	130	133	2.88
5 x 35	35.9	2920	0.524	0.627	0.246	160	159	4.03
5 x 50	41.5	4210	0.387	0.464	0.247	194	188	5.75