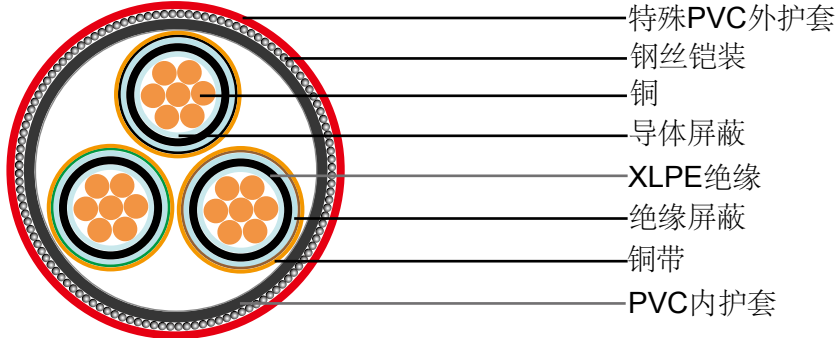




符合IEC 60502-2标准的中压XLPE绝缘钢丝铠装电缆



符合IEC 60502-2标准的中压XLPE绝缘钢丝铠装电缆

应用

这些电缆多用于安装在配电站、室内室外、电缆管道、地下或水中，也用于电缆桥架安装行业。

标准

IEC 60228; IEC 60502-2

结构

导体：多股裸铜（2类）

导体屏蔽：半导电交联化合物经过三重挤压过程后形成的挤出层

绝缘：XLPE

绝缘屏蔽：半导电交联化合物经过三重挤压过程后形成的挤出层

线芯识别：

1芯：自然色

3芯：黑，绿，棕

内护套：PVC

铠装：1芯：铝丝铠装；多芯：镀锌钢丝铠装

外护套：特殊PVC。红色。可根据要求添加防紫外线功能

性能

防火标准：IEC 60332-3-22

工作温度：-20~60° C

工作中导体能承受的最高温度：90° C

耐化学性：耐脂肪烃及芳香烃

1芯

导体截面积	加上绝缘的外径	加上绝缘屏蔽的外径	加上内护套的外径	加上铠装的外径	最小外径	最大外径	重量	额定电压 U ₀ /U (Um)
(mm ²)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(kg/km)	(kv)
25	12.3	13.7	17.7	21.5	31.5	34.8	1621	3.6 / 6 (7.2)
35	13.3	14.7	18.7	22.5	32.5	35.8	1781	3.6 / 6 (7.2)



石油电缆

50	14.4	15.8	19.8	23.6	33.6	37.0	1953	3.6 / 6 (7.2)
70	16.0	17.4	21.4	25.2	35.1	38.7	2247	3.6 / 6 (7.2)
95	17.55	19.0	23.0	26.8	36.7	40.4	2589	3.6 / 6 (7.2)
120	19.06	20.5	24.5	28.3	38.1	42.1	2904	3.6 / 6 (7.2)
150	20.37	21.8	25.8	29.6	39.4	43.4	3233	3.6 / 6 (7.2)
185	22.05	23.5	27.5	31.3	41.0	45.3	3681	3.6 / 6 (7.2)
240	24.6	26.0	30.0	33.8	43.5	47.9	4365	3.6 / 6 (7.2)
300	27.4	28.8	32.8	36.6	46.2	50.9	5121	3.6 / 6 (7.2)
400	30.9	32.3	36.3	40.1	49.6	54.7	6174	3.6 / 6 (7.2)
500	35.4	36.8	40.8	45.8	55.3	61.0	7735	3.6 / 6 (7.2)
630	39.8	41.2	45.3	50.3	60.0	66.2	9419	3.6 / 6 (7.2)
25	14.1	15.5	19.5	23.3	33.3	36.7	1764	6 / 10 (12)
35	15.1	16.5	20.5	24.3	34.2	37.8	1925	6 / 10 (12)
50	16.2	17.6	21.6	25.4	35.3	38.9	2107	6 / 10 (12)
70	17.8	19.2	23.2	27.0	36.9	40.7	2404	6 / 10 (12)
95	19.35	20.8	24.8	28.6	38.4	42.4	2748	6 / 10 (12)
120	20.86	22.3	26.3	30.1	39.9	44.0	3073	6 / 10 (12)
150	22.17	23.6	27.6	31.4	41.1	45.4	3405	6 / 10 (12)
185	23.85	25.3	29.3	33.1	42.8	47.2	3854	6 / 10 (12)
240	26.2	27.6	31.6	35.4	45.0	49.6	4531	6 / 10 (12)
300	28.6	30.0	34.0	37.8	47.3	52.2	5249	6 / 10 (12)
400	31.7	33.1	37.1	40.9	50.3	55.5	6267	6 / 10 (12)
500	35.8	37.2	41.2	46.2	55.7	61.4	7791	6 / 10 (12)
630	40.2	41.6	45.7	50.7	60.4	66.7	9464	6 / 10 (12)
25	16.3	17.7	21.7	25.5	35.4	39.1	1955	8.7 / 15 (17.5)
35	17.3	18.7	22.7	26.5	36.4	40.1	2112	8.7 / 15 (17.5)
50	18.4	19.8	23.8	27.6	37.4	41.3	2305	8.7 / 15 (17.5)
70	20.0	21.4	25.4	29.2	39.0	43.0	2608	8.7 / 15 (17.5)
95	21.55	23.0	27.0	30.8	40.5	44.7	2950	8.7 / 15 (17.5)
120	23.06	24.5	28.5	32.3	42.0	46.3	3288	8.7 / 15 (17.5)
150	24.37	25.8	29.8	33.6	43.3	47.7	3623	8.7 / 15 (17.5)
185	26.05	27.5	31.5	35.3	44.9	49.5	4081	8.7 / 15 (17.5)
240	28.4	29.8	33.8	37.6	47.1	52.0	4756	8.7 / 15 (17.5)
300	30.8	32.2	36.2	40.0	49.5	54.6	5478	8.7 / 15 (17.5)



400	33.9	35.3	39.3	44.3	53.8	59.4	6738	8.7 / 15 (17.5)
500	38.0	39.4	43.4	48.4	58.0	64.0	8091	8.7 / 15 (17.5)
630	42.4	43.8	47.9	52.9	62.8	69.2	9793	8.7 / 15 (17.5)
35	19.3	20.7	24.7	28.5	38.3	42.3	2287	12 / 20 (24)
50	20.4	21.8	25.8	29.6	39.4	43.4	2485	12 / 20 (24)
70	22.0	23.4	27.4	31.2	40.9	45.2	2795	12 / 20 (24)
95	23.55	25.0	29.0	32.8	42.5	46.9	3139	12 / 20 (24)
120	25.06	26.5	30.5	34.3	43.9	48.5	3482	12 / 20 (24)
150	26.37	27.8	31.8	35.6	45.2	49.9	3824	12 / 20 (24)
185	28.05	29.5	33.5	37.3	46.9	51.7	4287	12 / 20 (24)
240	30.4	31.8	35.8	39.6	49.1	54.1	4974	12 / 20 (24)
300	32.8	34.2	38.2	42.0	51.6	56.9	5734	12 / 20 (24)
400	35.9	37.3	41.3	46.3	56.0	61.7	6994	12 / 20 (24)
500	40.0	41.4	45.5	50.5	60.2	66.4	8392	12 / 20 (24)
630	44.4	45.8	49.9	54.9	64.9	71.6	10119	12 / 20 (24)
25	26.3	27.7	31.7	35.5	45.1	49.8	2866	18 / 30 (36)
50	25.4	26.8	30.8	34.6	44.2	48.8	2969	18 / 30 (36)
70	27.0	28.4	32.4	36.2	45.8	50.5	3309	18 / 30 (36)
95	28.8	30.2	34.0	37.8	47.3	52.2	3660	18 / 30 (36)
120	30.06	31.5	35.5	39.3	48.8	53.8	4007	18 / 30 (36)
150	31.37	32.8	36.8	40.6	50.1	55.2	4354	18 / 30 (36)
185	33.05	34.5	38.5	43.5	53.1	58.5	5060	18 / 30 (36)
240	35.4	36.8	40.8	45.8	55.5	61.2	5801	18 / 30 (36)
300	37.8	39.2	43.2	48.2	58.0	64.0	6621	18 / 30 (36)
400	40.9	42.3	46.4	51.4	61.3	67.6	7701	18 / 30 (36)
500	45.0	46.4	50.5	55.5	65.5	72.2	9130	18 / 30 (36)

3芯

导体截面积	加上绝缘的外径	加上绝缘屏蔽的外径	加上内护套的外径	加上铠装的外径	最小外径	最大外径	重量	额定电压 U ₀ /U(U _m)
(mm ²)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(kg/km)	(kv)
25	12.3	13.7	36.7	40.7	46.3	51.0	4418	3.6 / 6 (7.2)
35	13.3	14.7	38.9	42.9	48.4	53.4	4944	3.6 / 6 (7.2)
50	14.4	15.8	41.4	46.4	51.8	57.1	5995	3.6 / 6 (7.2)



石油电缆

70	16.0	17.4	44.9	49.9	55.2	60.9	7012	3.6 / 6 (7.2)
95	17.55	19.0	48.4	53.4	58.6	64.6	8226	3.6 / 6 (7.2)
120	19.06	20.5	51.7	56.7	61.8	68.2	9357	3.6 / 6 (7.2)
150	20.37	21.8	54.6	59.6	64.6	71.3	10528	3.6 / 6 (7.2)
185	22.05	23.5	58.3	63.3	68.2	75.2	12064	3.6 / 6 (7.2)
240	24.6	26.0	63.8	68.8	73.5	81.1	14480	3.6 / 6 (7.2)
300	27.4	28.8	70.0	77.5	82.4	90.8	18262	3.6 / 6 (7.2)
25	14.1	15.5	40.7	44.7	50.1	55.3	4961	6 / 10 (12)
35	15.1	16.5	42.9	47.9	53.3	58.7	5954	6 / 10 (12)
50	16.2	17.6	45.3	50.3	55.6	61.3	6634	6 / 10 (12)
70	17.8	19.2	48.8	53.8	59.0	65.1	7674	6 / 10 (12)
95	19.35	20.8	52.4	57.4	62.5	68.9	8913	6 / 10 (12)
120	20.86	22.3	55.7	60.7	65.7	72.4	10084	6 / 10 (12)
150	22.17	23.6	58.5	63.5	68.4	75.4	11273	6 / 10 (12)
185	23.85	25.3	62.3	67.3	72.1	79.5	12828	6 / 10 (12)
240	26.2	27.6	67.3	73.6	79.5	87.7	16365	6 / 10 (12)
300	28.6	30.0	72.6	80.1	84.9	93.6	18919	6 / 10 (12)
25	16.3	17.7	45.5	50.5	55.8	61.5	6149	8.7 / 15 (17.5)
35	17.3	18.7	47.7	52.7	57.9	63.9	6755	8.7 / 15 (17.5)
50	18.4	19.8	50.2	55.2	60.3	66.6	7457	8.7 / 15 (17.5)
70	20.0	21.4	53.7	58.7	63.7	70.3	8532	8.7 / 15 (17.5)
95	21.55	23.0	57.2	62.2	67.1	74.0	9805	8.7 / 15 (17.5)
120	23.06	24.5	60.5	65.5	70.3	77.6	11004	8.7 / 15 (17.5)
150	24.37	25.8	63.4	68.4	73.1	80.7	12217	8.7 / 15 (17.5)
185	26.05	27.5	67.1	73.4	79.3	87.5	14993	8.7 / 15 (17.5)
240	28.4	29.8	72.2	78.5	84.7	93.4	17580	8.7 / 15 (17.5)
300	30.8	32.2	77.4	83.7	89.9	99.2	20280	8.7 / 15 (17.5)
35	19.3	20.7	52.1	57.1	62.2	68.6	7537	12 / 20 (24)
50	20.4	21.8	54.6	59.6	64.6	71.3	8261	12 / 20 (24)
70	22.0	23.4	58.1	63.1	68.0	75.0	9373	12 / 20 (24)



95	23.55	25.0	61.6	66.6	71.4	78.8	10627	12 / 20 (24)
120	25.06	26.5	64.9	69.9	74.6	82.3	11895	12 / 20 (24)
150	26.37	27.8	67.8	74.1	80.0	88.3	14306	12 / 20 (24)
185	28.05	29.5	71.5	77.8	83.8	92.4	16021	12 / 20 (24)
240	30.4	31.8	76.6	82.9	89.1	98.3	18645	12 / 20 (24)
50	25.4	26.8	65.6	71.9	77.9	85.9	11491	18 / 30 (36)
70	27.0	28.4	69.1	75.4	81.5	89.9	12878	18 / 30 (36)
95	28.55	30.0	72.6	78.9	85.1	93.8	14252	18 / 30 (36)
120	30.06	31.5	75.9	82.2	88.5	97.6	15708	18 / 30 (36)
150	31.37	32.8	78.8	85.1	91.5	100.9	17092	18 / 30 (36)
185	33.05	34.5	82.5	88.8	95.3	105.1	18901	18 / 30 (36)
240	35.4	36.8	87.6	95.1	101.0	111.0	21499	18 / 30 (36)

