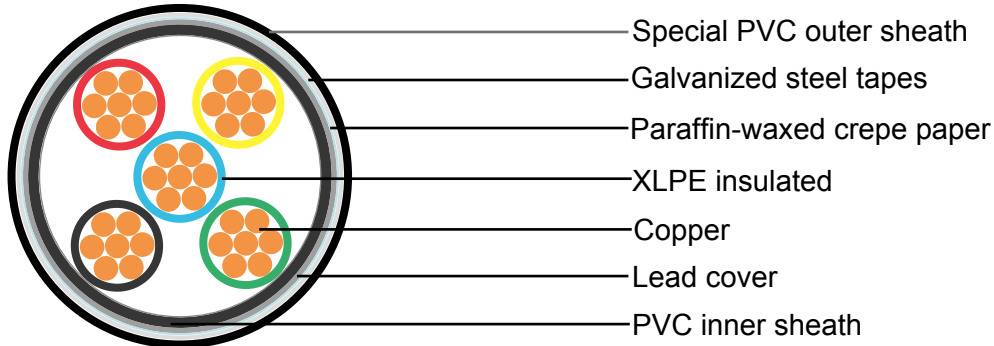




## 600V/1000V XLPE Insulated Galvanized Steel Tape Armored Cable with Lead Cover to IEC 60502-1



XLPE Insulated Galvanized Steel Tape Armored Cable to IEC 60502-1 with Lead Cover

### Applications

These cables are used for electricity supply in low voltage installation system. They are suitable for installation in indoors and outdoors, in cable ducts, under ground, in power and switching stations, local energy distributions, industrial plants, where require hydrocarbon and mechanical protections. The lead sheath brings an enhanced resistance to aliphatic and aromatic hydrocarbon.

### Construction

Conductor: Solid or stranded copper

Insulation: XLPE

Core identification

- 1 Core: Red or Black
- 2 Cores: Red, Black
- 3 Cores: Red, Yellow, Blue
- 4 Cores: Red, Yellow, Blue, Black
- 5 Cores: Red, Yellow, Blue, Black, Green
- Above 5 cores: Black core printed with white numbers

Inner sheath: PVC

Lead cover

Bedding: Paraffin-waxed crepe paper

Armor: Galvanized steel tapes or aluminum tapes for 1 core cable

Sheath: Special PVC. Color: black

### Properties

Rated voltage: 600V/1000V

Fire retardance: IEC 60332-3-22

Operating temperature: -20~60°C

Max. conductor operating temperature: 90°C

Chemical resistance: Aliphatic and aromatic hydrocarbon resistance



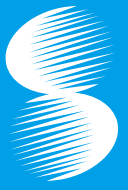
# Cables for Oil Industry

No. of Cores	Conductor		Diameter over Insulation	Diameter over Inner Sheath	Diameter over Lead Sheath	Diameter over Armor	Min. O.D.	Max. O.D.	Approx. Weight
	Corss-section (mm <sup>2</sup> )	Type	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(kg/km)
1	25	Stranded, Class 2	7.9	9.9	12.3	15.8	18.8	20.8	1003
1	35	Stranded, Class 2	8.9	10.9	13.3	16.8	19.79	21.8	1155
1	50	Stranded, Class 2	10.2	12.2	14.6	18.1	21.05	23.2	1341
1	70	Stranded, Class 2	12.0	14.0	16.4	19.9	22.8	25.2	1639
1	95	Stranded, Class 2	13.55	15.6	18.0	21.5	24.35	26.9	1966
1	120	Stranded, Class 2	15.26	17.3	19.9	23.4	26.19	28.9	2371
1	150	Stranded, Class 2	16.97	19.0	21.6	25.1	27.84	30.7	2736
1	185	Stranded, Class 2	19.05	21.0	23.8	27.4	30.07	33.2	3305
1	240	Stranded, Class 2	21.6	23.6	26.6	30.1	32.88	36.3	4115
1	300	Stranded, Class 2	24.2	26.2	29.2	32.7	35.6	39.3	4882
1	400	Stranded, Class 2	27.7	30.1	33.3	36.8	39.77	43.9	6108
1	500	Stranded, Class 2	31.4	33.8	37.2	40.7	43.94	48.5	7570
1	630	Stranded, Class 2	36.2	38.6	42.2	45.7	48.98	54.0	9461
2	1.5	Solid, Class 1	2.79	7.9	10.3	12.4	15.52	17.1	701
2	1.5	Stranded, Class 2	2.9	8.2	10.6	12.7	15.81	17.4	727
2	2.5	Solid, Class 1	3.15	8.6	11.0	13.1	16.2	17.9	773
2	2.5	Stranded, Class 2	3.31	9.1	11.5	13.6	16.68	18.4	813
2	4	Solid, Class 1	3.61	9.5	11.9	14.0	17.07	18.8	871
2	4	Stranded, Class 2	3.83	10.2	12.6	14.7	17.75	19.6	928
2	6	Stranded, Class 2	4.35	11.0	13.4	15.5	18.53	20.4	1022
2	10	Stranded, Class 2	5.25	12.8	15.2	17.3	20.27	22.4	1234
2	16	Stranded, Class 2	6.25	14.8	17.2	19.3	22.21	24.5	1508
2	25	Stranded, Class 2	7.9	18.1	20.5	22.6	25.41	28.0	1980
2	35	Stranded, Class 2	8.9	20.1	22.5	24.6	27.35	30.2	2341
2	50	Stranded, Class 2	10.2	22.8	25.4	27.5	30.17	33.3	2924



# Cables for Oil Industry

2	70	Stranded, Class 2	12.0	26.4	29.2	31.3	34.24	37.8	3809
2	95	Stranded, Class 2	13.55	29.9	32.9	36.4	39.38	43.4	5202
2	120	Stranded, Class 2	15.26	33.3	36.5	40.0	43.07	47.5	6258
2	150	Stranded, Class 2	16.97	36.7	40.1	43.7	47.04	51.9	7450
2	185	Stranded, Class 2	19.05	41.3	44.9	48.4	51.8	57.1	9051
2	240	Stranded, Class 2	21.6	46.4	50.4	53.9	57.52	63.4	11373
2	300	Stranded, Class 2	24.2	52.0	56.2	59.7	63.54	70.1	13803
3	1.5	Solid, Class 1	2.79	8.3	10.7	12.9	16.0	17.7	745
3	1.5	Stranded, Class 2	2.9	8.7	11.1	13.2	16.3	18.0	772
3	2.5	Solid, Class 1	3.15	9.1	11.5	13.6	16.68	18.4	826
3	2.5	Stranded, Class 2	3.31	9.6	12.0	14.2	17.27	19.0	870
3	4	Solid, Class 1	3.61	10.1	12.5	14.6	17.65	19.5	942
3	4	Stranded, Class 2	3.83	10.8	13.2	15.4	18.43	20.3	1003
3	6	Stranded, Class 2	4.35	11.7	14.1	16.2	19.21	21.2	1111
3	10	Stranded, Class 2	5.25	13.6	16.0	18.2	21.15	23.3	1369
3	16	Stranded, Class 2	6.25	15.8	18.2	20.3	23.18	25.6	1700
3	25	Stranded, Class 2	7.9	19.4	21.8	23.9	26.68	29.4	2263
3	35	Stranded, Class 2	8.9	21.5	24.1	26.2	28.91	31.9	2800
3	50	Stranded, Class 2	10.2	24.4	27.2	29.4	32.2	35.5	3528
3	70	Stranded, Class 2	12.0	28.7	31.7	33.8	36.67	40.4	4658
3	95	Stranded, Class 2	13.55	32.1	35.3	38.8	41.9	46.2	6288
3	120	Stranded, Class 2	15.26	35.8	39.2	42.7	45.88	50.6	7585
3	150	Stranded, Class 2	16.97	39.9	43.5	47.0	50.44	55.6	9123
3	185	Stranded, Class 2	19.05	44.4	48.2	51.7	55.19	60.9	11013
3	240	Stranded, Class 2	21.6	50.3	54.5	58.0	61.69	68.0	13976
3	300	Stranded, Class 2	24.2	55.9	60.3	63.8	67.71	74.7	16888
4	1.5	Solid, Class 1	2.79	9.0	11.4	13.6	16.68	18.4	809
4	1.5	Stranded, Class 2	2.9	9.4	11.8	14.0	17.07	18.8	841
4	2.5	Solid, Class 1	3.15	9.9	12.3	14.4	17.46	19.3	906



# Cables for Oil Industry

4	2.5	Stranded, Class 2	3.31	10.5	12.9	15.1	18.14	20.0	950
4	4	Solid, Class 1	3.61	11.0	13.4	15.6	18.62	20.5	1041
4	4	Stranded, Class 2	3.83	11.9	14.3	16.4	19.4	21.4	1103
4	6	Stranded, Class 2	4.35	12.8	15.2	17.4	20.37	22.5	1242
4	10	Stranded, Class 2	5.25	15.0	17.4	19.5	22.41	24.7	1558
4	16	Stranded, Class 2	6.25	17.4	19.8	22.0	24.83	27.4	1972
4	25	Stranded, Class 2	7.9	21.4	24.0	26.1	28.81	31.8	2734
4	35	Stranded, Class 2	8.9	23.9	26.5	28.7	31.52	34.8	3326
4	50	Stranded, Class 2	10.2	27.1	30.1	32.2	35.11	38.7	4301
4	70	Stranded, Class 2	12.0	31.8	35.0	38.6	41.71	46.0	6120
4	95	Stranded, Class 2	13.55	35.6	39.0	42.5	45.69	50.4	7656
4	120	Stranded, Class 2	15.26	40.1	43.7	47.3	50.73	56.0	9364
4	150	Stranded, Class 2	16.97	44.3	48.1	51.6	55.29	61.0	11181
4	185	Stranded, Class 2	19.05	49.3	53.5	57.0	60.72	67.0	13707
4	240	Stranded, Class 2	21.6	55.9	60.5	64.0	67.9	74.9	17374
4	300	Stranded, Class 2	24.2	62.2	67.0	70.5	74.59	82.3	21002
5	1.5	Solid, Class 1	2.79	9.8	12.2	14.4	17.46	19.3	885
5	1.5	Stranded, Class 2	2.9	10.3	12.7	14.8	17.85	19.7	915
5	2.5	Solid, Class 1	3.15	10.8	13.2	15.3	18.33	20.2	993
5	2.5	Stranded, Class 2	3.31	11.5	13.9	16.0	19.01	21.0	1045
5	4	Solid, Class 1	3.61	12.1	14.4	16.6	19.59	21.6	1152
5	4	Stranded, Class 2	3.83	13.0	15.4	17.5	20.47	22.6	1227
5	6	Stranded, Class 2	4.35	14.0	16.4	18.6	21.53	23.8	1394
5	10	Stranded, Class 2	5.25	16.5	18.9	21.0	23.86	26.3	1761
5	16	Stranded, Class 2	6.25	19.2	21.6	23.7	26.48	29.2	2247
5	25	Stranded, Class 2	7.9	23.7	26.3	28.5	31.14	34.4	3159
5	35	Stranded, Class 2	8.9	26.4	29.2	31.4	34.34	37.9	3988
5	50	Stranded, Class 2	10.2	30.3	33.3	36.9	39.87	44.0	5479
5	70	Stranded, Class 2	12.0	35.2	38.6	42.1	45.3	50.0	7287



# Cables for Oil Industry

5	95	Stranded, Class 2	13.55	39.8	43.4	46.9	50.34	55.5	9228
5	120	Stranded, Class 2	15.26	44.4	48.2	51.7	55.19	60.9	11133
5	150	Stranded, Class 2	16.97	49.0	53.2	56.7	60.43	66.7	13475
5	185	Stranded, Class 2	19.05	55.0	59.4	63.0	66.93	73.8	16409
5	240	Stranded, Class 2	21.6	61.9	66.7	70.2	74.5	82.2	20691
5	300	Stranded, Class 2	24.2	69.3	74.5	78.1	82.55	91.1	25436
7	1.5	Stranded, Class 2	2.9	10.8	13.2	15.4	18.43	20.3	979
7	2.5	Stranded, Class 2	3.31	12.2	14.6	16.7	19.69	21.7	1123
10	1.5	Stranded, Class 2	2.9	13.9	16.3	18.4	21.34	23.5	1245
10	2.5	Stranded, Class 2	3.31	15.7	18.1	20.2	23.09	25.5	1464
12	1.5	Stranded, Class 2	2.9	14.4	16.8	18.9	21.82	24.1	1302
12	2.5	Stranded, Class 2	3.31	16.2	18.6	20.7	23.57	26.0	1538
14	1.5	Stranded, Class 2	2.9	15.1	17.5	19.6	22.5	24.8	1386
14	2.5	Stranded, Class 2	3.31	17.1	19.5	21.6	24.44	27.0	1657
19	1.5	Stranded, Class 2	2.9	16.8	19.2	21.3	24.15	26.6	1598
19	2.5	Stranded, Class 2	3.31	19.1	21.5	23.6	26.38	29.1	1935
24	1.5	Stranded, Class 2	2.9	19.8	22.2	24.3	27.06	29.9	1914
24	2.5	Stranded, Class 2	3.31	22.5	25.1	27.2	29.88	33.0	2419
27	1.5	Stranded, Class 2	2.9	20.2	22.6	24.7	27.45	30.3	1995
27	2.5	Stranded, Class 2	3.31	23.0	25.6	27.7	30.36	33.5	2534
30	1.5	Stranded, Class 2	2.9	21.0	23.6	25.7	28.42	31.4	2217
30	2.5	Stranded, Class 2	3.31	23.9	26.5	28.6	31.43	34.7	2728
37	1.5	Stranded, Class 2	2.9	22.8	25.4	27.5	30.17	33.3	2463
37	2.5	Stranded, Class 2	3.31	25.9	28.7	30.8	33.56	37.0	3152