

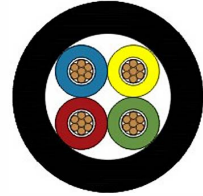
# 0.6/1kV

## CU|MG|T+XLPO|XLPO

## AL|MG|T+XLPO|XLPO

### Application

The cable is mainly used in emergency lighting, control and power circuits, power stations, fire alarm systems, underground tunnels, communication systems, sewage systems, fire elevators, escalators, and distribution cables in tall buildings.



Product structure diagram

### Executive Standard

IEC 60502-1/BS 7846.

### Technical parameters

Rated voltage	0.6/1 KV
Conductor	Copper: class 2
	Aluminum: class 2
Insulation	MGT+XLPO
Sheath	XLPO
Temperature range	Flexing: -20°C ~ /50°C
	Fixed installation: -30°C ~ /90°C
Min bend radius	Single core :20 × Cable diameter
	Multi-core: 15 × Cable diameter
Outer sheath color	Black
Cable's self-extinguishing and flame retardant, test method according to IEC 60332	

# LIAONING CREATE CABLE CO.,LTD.

## Specification range

Single core(unarmored)

Item number	Nominal Cross-section area mm <sup>2</sup>	Reference Overall Diameter mm	Reference Weight kg/km	
			CU	AL
1001601	1x10	8.9	160	98
1001602	1x16	9.9	222	124
1001603	1x25	11.5	324	170
1001604	1x35	12.6	423	210
1001605	1x50	13.9	559	264
1001606	1x70	16.1	759	345
1001607	1x95	17.9	1001	439
1001608	1x120	19.8	1242	533
1001609	1x150	21.6	1539	652
1001610	1x185	23.7	1878	784
1001611	1x240	26.6	2406	987
1001612	1x300	29.0	3015	1211
1001613	1x400	32.4	3998	1571
1001614	1x500	36.4	4952	1946
1001615	1x630	40.5	6181	2424

Two cores ( unarmored )

Item number	Nominal Cross-section area mm <sup>2</sup>	Reference Overall Diameter mm	Reference Weight kg/km	
			CU	AL
1001616	2x1.5	10.9	137	118
1001617	2x2.5	11.6	165	135
1001618	2x4	12.6	207	159
1001619	2x6	13.6	258	186
1001620	2x10	15.9	378	252
1001621	2x16	17.8	516	320
1001622	2x25	21.2	754	444
1001623	2x35	23.4	976	545
1001624	2x50	25.5	1194	596
1001625	2x70	27.9	1595	759
1001626	2x95	30.7	2089	955
1001627	2x120	33.3	2594	1161
1001628	2x150	36.6	3220	1429
1001629	2x185	39.8	3934	1725
1001630	2x240	59.0	5492	2654
1001631	2x300	66.5	7119	3513
1001632	2x400	76.6	9683	4830

## Three cores(unarmored)

Item number	Nominal Cross-section area mm <sup>2</sup>	Reference Overall Diameter mm	Reference Weight kg/km	
			CU	AL
1001633	3x1,5	11.5	164	136
1001634	3x2,5	12.3	202	157
1001635	3x4	13.3	259	187
1001636	3x6	14.4	329	222
1001637	3x10	16.9	493	304
1001638	3x16	19.0	687	391
1001639	3x25	22.6	1014	549
1001640	3x35	25.0	1328	681
1001641	3x50	27.3	1698	802
1001642	3x70	30.9	2314	1060
1001643	3x95	34.3	3042	1341
1001644	3x120	37.5	3791	1641
1001645	3x150	41.0	4706	2019
1001646	3x185	45.0	5762	2448
1001647	3x240	49.7	7380	3080
1001648	3x300	55.1	9269	3805

## Three cores/1(unarmored)

Item number	Nominal Cross-section area mm <sup>2</sup>	Reference Overall Diameter mm	Reference Weight kg/km	
			CU	AL
1001649	3x16/10	20.3	793	435
1001650	3x25/16	23.9	1166	605
1001651	3x35/16	25.9	1470	730
1001652	3x50/25	28.2	1989	940
1001653	3x70/35	32.5	2710	1240
1001654	3x95/50	36.0	3589	1590
1001655	3x120/70	40.5	4547	1980
1001656	3x150/70	44.4	5463	2360
1001657	3x185/95	49.0	6786	2910
1001658	3x240/120	53.3	8625	3610
1001659	3x300/150	58.7	10810	4450

## Four cores(unarmored)

Item number	Nominal Cross-section area mm <sup>2</sup>	Reference Overall Diameter mm	Reference Weight kg/km	
			CU	AL
1001660	4x1,5	12.5	198	160
1001661	4x2,5	13.3	246	186
1001662	4x4	14.5	320	224

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Four cores(unarmored)

Item number	Nominal Cross-section area mm <sup>2</sup>	Reference Overall Diameter mm	Reference Weight kg/km	
			CU	AL
1001663	4x6	15.7	411	268
1001664	4x10	18.6	625	373
1001665	4x16	20.9	877	483
1001666	4x25	24.9	1303	683
1001667	4x35	27.6	1715	853
1001668	4x50	30.4	2230	1035
1001669	4x70	33.7	3032	1360
1001670	4x95	37.0	3990	1721
1001671	4x120	40.7	4994	2128
1001672	4x150	44.6	6183	2600
1001673	4x185	49.1	7600	3182
1001674	4x240	53.7	9726	3993
1001675	4x300	59.1	12210	4825

