

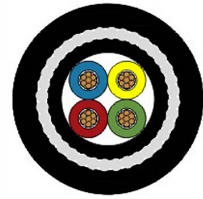
0.6/1kV

CU/IMG T+XLPO/XLPO/SWA/XLPO

AL/IMG T+XLPO/XLPO/SWA/XLPO

Application

This cable is suitable for certain areas where circuit integrity is critical in maintaining power supply. The cable is mainly used for emergency lighting, control and power circuits, power stations, fire alarm systems, underground tunnels, communication systems, sewage treatment systems, fire elevators, escalators, and distribution cables of high-rise buildings.



Product structure diagram

Executive Standard

IEC 60502-1/BS 7846

Technical parameters

Rated voltage	0.6/1 KV
Conductor	IEC(EN) 60228 class 2
Core identification	BS7671
Insulation	XLPO
Aarmor	galvanized steel wire
Inner sheath	XLPO
Outer sheath	XLPO
Temperature range	Flexing: -20°C ~ /50°C
	Fixed installation: -30°C ~ /90°C
Min bend radius	10 × Cable diameter
Cable`s self-extinguishing and flame retardant, test method according to IEC 60332	

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Specification range

Single core(unarmored)

Item number	Nominal Cross-section area mm ²	Reference Overall Diameter mm	Reference Weight kg/km	
			CU	AL
1001701	1x10	13.1	393	330
1001702	1x16	14.1	476	378
1001703	1x25	15.7	618	465
1001704	1x35	17.7	852	639
1001705	1x50	19.0	1027	731
1001706	1x70	21.3	1310	896
1001707	1x95	23.6	1742	1182
1001708	1x120	25.7	2058	1348
1001709	1x150	27.6	2435	1548
1001710	1x185	29.7	2854	1761
1001711	1x240	32.6	3487	2068
1001712	1x300	36.0	4442	2638
1001713	1x400	40.0	5658	3232
1001714	1x500	44.0	6848	3800
1001715	1x630	48.9	8742	4898

Two cores (unarmored)

Item number	Nominal Cross-section area mm ²	Reference Overall Diameter mm	Reference Weight kg/km	
			CU	AL
1001716	2x1.5	15.1	406	387
1001717	2x2.5	15.8	454	424
1001718	2x4	16.8	518	470
1001719	2x6	18.5	700	629
1001720	2x10	20.8	894	768
1001721	2x16	22.7	1084	887
1001722	2x25	26.8	1592	1283
1001723	2x35	29.0	1894	1463
1001724	2x50	31.3	2205	1608
1001725	2x70	34.9	2988	2152
1001726	2x95	38.3	3657	2523
1001727	2x120	40.9	4292	2859
1001728	2x150	45.0	5459	3668
1001729	2x185	48.7	6427	4218
1001730	2x240	60.7	8334	5973
1001731	2x300	65.9	9969	7384
1001732	2x400	73.0	12464	9234

Three cores(unarmored)

Item number	Nominal Cross-section area mm ²	Reference Overall Diameter mm	Reference Weight kg/km	
			CU	AL
1001733	3x1,5	15.7	447	420
1001734	3x2,5	16.5	505	460
1001735	3x4	18.2	689	617
1001736	3x6	19.3	796	689
1001737	3x10	21.8	1035	846
1001738	3x16	23.9	1291	996
1001739	3x25	28.2	1910	1446
1001740	3x35	30.6	2305	1658
1001741	3x50	33.1	2787	1892
1001742	3x70	38.3	3892	2638
1001743	3x95	41.7	4781	3079
1001744	3x120	45.1	5707	3558
1001745	3x150	49.8	7270	4582
1001746	3x185	53.9	8553	5239
1001747	3x240	59.1	10517	5239
1001748	3x300	64.3	12722	6218

Three cores/1(unarmored)

Item number	Nominal Cross-section area mm ²	Reference Overall Diameter mm	Reference Weight kg/km	
			CU	AL
1001749	3x16/10	25.9	1593	1235
1001750	3x25/16	29.5	2104	1540
1001751	3x35/16	31.7	2500	1756
1001752	3x50/25	34.2	3132	2081
1001753	3x70/35	39.9	4353	2883
1001754	3x95/50	43.4	5395	3395
1001755	3x120/70	49.1	7044	4477
1001756	3x150/70	53.3	8244	5139
1001757	3x185/95	57.7	9793	5912
1001758	3x240/120	62.7	12002	6986
1001759	3x300/150	68.1	14495	8135

Four cores(unarmored)

Item number	Nominal Cross-section area mm ²	Reference Overall Diameter mm	Reference Weight kg/km	
			CU	AL
1001760	4x1,5	16.7	508	470
1001761	4x2,5	17.5	576	517
1001762	4x4	19.4	788	692
1001763	4x6	20.6	916	773

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Four cores(unarmored)

Item number	Nominal Cross-section area mm ²	Reference Overall Diameter mm	Reference Weight kg/km	
			CU	AL
1001764	4x10	23.5	1217	965
1001765	4x16	26.5	1698	1304
1001766	4x25	30.5	2280	1660
1001767	4x35	33.4	2823	1961
1001768	4x50	37.4	3721	2526
1001769	4x70	41.1	4739	3067
1001770	4x95	44.4	5856	3587
1001771	4x120	49.5	7515	4648
1001772	4x150	53.5	8970	5388
1001773	4x185	57.9	10612	6193
1001774	4x240	63.1	13115	7382
1001775	4x300	68.5	15905	8620

