

0.6/1kV

CU/XLPE/PVC

AL/XLPE/PVC

Application

The product is suitable for industry, power plant, construction, power distribution cabinet equipment installation and secondary distribution network.



Product structure diagram

Executive Standard

IEC 60502

Technical parameters

Rated voltage	0.6/1 KV
Conductor	Copper: class 2
	Aluminum: class 2
Insulation	XLPE
Sheath	PVC
Temperature range	Flexing: -5°C ~ /90°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	

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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
1001401	1x10	8.1	143	83
1001402	1x16	9.0	202	104
1001403	1x25	10.7	301	147
1001404	1x35	11.8	398	184
1001405	1x50	13.1	531	235
1001406	1x70	15.2	725	311
1001407	1x95	17.0	963	401
1001408	1x120	18.9	1200	490
1001409	1x150	20.7	1493	606
1001410	1x185	22.9	1828	734
1001411	1x240	25.8	2350	931
1001412	1x300	28.2	2952	1149
1001413	1x400	31.6	3928	1502
1001414	1x500	38.5	5113	1866
1001415	1x630	45.6	6633	2336

Two cores (unarmored)

Item number	Nominal Cross-section area mm ²	Reference Overall Diameter mm	Reference Weight kg/km	
			CU	AL
1001416	2x1.5	9.2	106	87
1001417	2x2.5	10.0	132	102
1001418	2x4	10.9	171	123
1001419	2x6	11.9	219	147
1001420	2x10	14.3	332	206
1001421	2x16	16.2	464	268
1001422	2x25	19.5	691	381
1001423	2x35	21.7	907	476
1001424	2x50	23.8	1129	531
1001425	2x70	26.2	1520	684
1001426	2x95	29.0	2005	871
1001427	2x120	31.6	2500	1067
1001428	2x150	34.9	3117	1326
1001429	2x185	38.1	3820	1611
1001430	2x240	57.4	5355	2217
1001431	2x300	64.9	6962	2697
1001432	2x400	74.9	9497	3526

Three cores(unarmored)

Item number	Nominal Cross-section area mm ²	Reference Overall Diameter mm	Reference Weight kg/km	
			CU	AL
1001433	3x1,5	9.7	126	98
1001434	3x2,5	10.5	162	117
1001435	3x4	11.5	215	143
1001436	3x6	12.6	281	173
1001437	3x10	15.1	435	246
1001438	3x16	17.2	621	325
1001439	3x25	20.8	935	470
1001440	3x35	23.2	1240	594
1001441	3x50	25.6	1609	714
1001442	3x70	29.2	2209	955
1001443	3x95	32.6	2925	1223
1001444	3x120	35.8	3659	1509
1001445	3x150	39.3	4561	1874
1001446	3x185	43.3	5601	2287
1001447	3x240	48.1	7200	2890
1001448	3x300	53.5	9071	3607

Three cores/1(unarmored)

Item number	Nominal Cross-section area mm ²	Reference Overall Diameter mm	Reference Weight kg/km	
			CU	AL
1001449	3x16/10	18.2	716	358
1001450	3x25/16	21.8	1075	512
1001451	3x35/16	23.8	1370	626
1001452	3x50/25	26.5	1879	829
1001453	3x70/35	30.8	2581	1111
1001454	3x95/50	34.3	3444	1443
1001455	3x120/70	38.8	4382	1815
1001456	3x150/70	42.7	5286	2181
1001457	3x185/95	47.3	6588	2707
1001458	3x240/120	51.7	8402	3386
1001459	3x300/150	57.1	10566	4207

Four cores(unarmored)

Item number	Nominal Cross-section area mm ²	Reference Overall Diameter mm	Reference Weight kg/km	
			CU	AL
1001460	4x1,5	10.4	151	114
1001461	4x2,5	11.3	196	137
1001462	4x4	12.5	266	170
1001463	4x6	13.6	350	207
1001464	4x10	16.5	550	299

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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
1001465	4x16	18.8	792	399
1001466	4x25	22.9	1203	584
1001467	4x35	25.5	1603	741
1001468	4x50	28.7	2116	921
1001469	4x70	32.0	2897	1225
1001470	4x95	35.3	3839	1570
1001471	4x120	39.0	4824	1958
1001472	4x150	42.9	5996	2414
1001473	4x185	47.4	7393	2974
1001474	4x240	52.1	9492	3760
1001475	4x300	57.5	11954	4669

