

0.6/1kV

CU/XLPE/PVC/SWA/PVC

AL/XLPE/PVC/SWA/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	0.6/1KV
Conductor	Copper: class 2
	Aluminum: class 2
Insulation	XLPE
Aarmor	Galvanized round steel wires
Sheath	PVC
Temperature range	Flexing: -5°C ~ /90°C
	Fixed installation: -30°C ~ /90°C
Min bend radius	single-core: 15 × Cable diameter
	Multi-core: 12 × 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(aluminum wire armor)

Item number	Nominal Cross-section area mm ²	Reference Overall Diameter mm	Reference Weight kg/km	
			CU	AL
1001501	1x10	12.3	353	291
1001502	1x16	13.2	432	335
1001503	1x25	14.9	572	419
1001504	1x35	16.9	798	584
1001505	1x50	18.2	969	674
1001506	1x70	20.4	1246	832
1001507	1x95	22.7	1660	1099
1001508	1x120	24.8	1970	1261
1001509	1x150	26.7	2343	1456
1001510	1x185	28.9	2758	1665
1001511	1x240	31.8	3383	1964
1001512	1x300	35.2	4338	2535
1001513	1x400	39.2	5544	3117
1001514	1x500	43.1	6721	3673
1001515	1x630	48.0	8589	4745

Two cores(Galvanized steel wire armor)

Item number	Nominal Cross-section area mm ²	Reference Overall Diameter mm	Reference Weight kg/km	
			CU	AL
1001516	2x2.5	14.2	377	347
1001517	2x4	15.1	437	388
1001518	2x6	16.8	606	535
1001519	2x10	19.2	793	668
1001520	2x16	21.1	977	780
1001521	2x25	25.1	1464	1154
1001522	2x35	27.3	1759	1328
1001523	2x50	29.6	2072	1475
1001524	2x70	33.2	2814	1978
1001525	2x95	36.6	3495	2361
1001526	2x120	39.2	4119	2686
1001527	2x150	43.3	5247	3455

Three cores(Galvanized steel wire armor)

Item number	Nominal Cross-section area mm ²	Reference Overall Diameter mm	Reference Weight kg/km	
			CU	AL
1001528	3x2.5	14.7	420	375
1001529	3x4	16.4	590	518
1001530	3x6	17.5	682	575

Three cores(Galvanized steel wire armor)

Item number	Nominal Cross-section area mm ²	Reference Overall Diameter mm	Reference Weight kg/km	
			CU	AL
1001531	3x10	20.0	921	732
1001532	3x16	22.1	1169	874
1001533	3x25	26.4	1748	1284
1001534	3x35	28.8	2150	1503
1001535	3x50	31.4	2630	1734
1001536	3x70	36.6	3685	2431
1001537	3x95	40.0	4559	2857
1001538	3x120	43.4	5468	3319
1001539	3x150	48.1	6970	4283
1001540	3x185	52.2	8275	4961
1001541	3x240	57.5	10215	5916
1001542	3x300	62.7	12400	6937

Three cores/1(Galvanized steel wire armor)

Item number	Nominal Cross-section area mm ²	Reference Overall Diameter mm	Reference Weight kg/km	
			CU	AL
1001543	3x10/6	20.7	990	765
1001544	3x16/10	23.8	1432	1074
1001545	3x25/16	27.4	1927	1364
1001546	3x35/16	29.6	2314	1569
1001547	3x50/25	32.5	2935	1885
1001548	3x70/35	38.2	4147	2678
1001549	3x95/50	41.7	5145	3145
1001550	3x120/70	47.4	6767	4200
1001551	3x150/70	51.6	7950	4845
1001552	3x185/95	56.0	9478	5596
1001553	3x240/120	61.1	11657	6641
1001554	3x300/150	66.5	14124	7765

Four cores(Galvanized steel wire armor)

Item number	Nominal Cross-section area mm ²	Reference Overall Diameter mm	Reference Weight kg/km	
			CU	AL
1001555	4x2.5	15.5	475	415
1001556	4x4	17.4	667	571
1001557	4x6	18.5	788	645
1001558	4x10	21.4	1075	823
1001559	4x16	24.4	1529	1135
1001560	4x25	28.5	2095	1475

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Four cores(Galvanized steel wire armor)

Item number	Nominal Cross-section area mm ²	Reference Overall Diameter mm	Reference Weight kg/km	
			CU	AL
1001561	4x35	31.3	2606	1744
1001562	4x50	35.7	3532	2338
1001563	4x70	39.4	4501	2829
1001564	4x95	42.7	5599	3330
1001565	4x120	47.8	7231	4364
1001566	4x150	51.8	8666	5084
1001567	4x185	56.2	10286	5867
1001568	4x240	61.5	12756	7023
1001569	4x300	66.9	15520	8235

