天环线缆集团有限公司
TIANHUAN CABLE GROUP CO.,LTD.

LOW VOLTAGE XLPE INSULATED UNARMORED POWER CABLE

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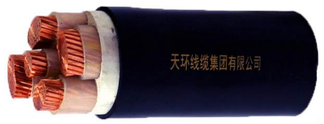
CU/XLPE/PVC(CU/XLPE/FR-PVC),0.6/1kV



Cable Structure

- Conductor:Compact stranded copper conductor,Cl.2 as per IEC 60228
- Insulation:XLPE(cross-linked polyethylene)rated at 90°C
- Sheath:PVC or FR-PVC type $ST_2$to IEC 60502,black

Code Designation

YJ:XLPE insulation

V:PVC sheath

ZR:Flame resistant

Applications

For indoors and outdoors wiring work. Able to stand certain level traction during installation,but not external mechanical forces. single core cable wiring job in magnetic ducts is forbidden.

Standards

International:IEC 60502,IEC 60228,(IEC 60332-3 for ZR-YJV only)

China: GB/T 12706, (GB/T 18380-3 for ZR-YJV only)

Other standards such as BS, DIN and ICEA upon request

Technical data

Rated voltage: 0.6/1 kV

Maximum Conductor Temperature:under normal (90°C), emergency (130°C) or short circuit no more than 5s(250°C) conditions.

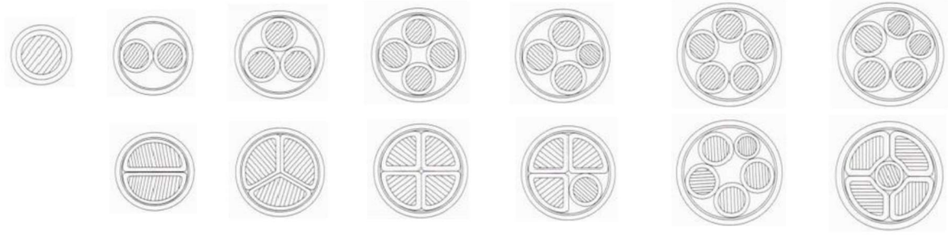
Min.Ambient Temp.-15°C,Installation Temp.0°C

Min.Bending Radius: 20 × cable O.D for single core

15 × cable O.D for multi core

Certificates

CE, RoHS, CCC, KEMA and more others at request



Specifications

Nom.Cross-section of conductor	Insulation Thickness	Sheath Thickness	Approx O.D.	Approx Weight	Max.D.C. Resistance of Conductor (20°C)	Test Voltage A.C	Current Rating	
mm²	mm	mm	mm	kg/km	Ω/km	kV/5min	In air (A)	In soil(A)
1×1.5	0.7	1.4	6	53	12.1	3.5	22	33
1×2.5	0.7	1.4	6	68	7.41	3.5	31	43
1×4	0.7	1.4	7	87	4.61	3.5	41	56
1×6	0.7	1.4	7	110	3.08	3.5	52	70
1×10	0.7	1.4	8	155	1.83	3.5	71	94
1×16	0.7	1.4	9	220	1.15	3.5	92	120
1×25	0.9	1.4	10	345	0.727	3.5	120	155
1×35	0.9	1.4	12	424	0.524	3.5	150	185
1×50	1	1.4	13	555	0.387	3.5	180	220
1×70	1.1	1.4	14	770	0.268	3.5	230	270
1×95	1.1	1.5	16	1040	0.193	3.5	285	320
1×120	1.2	1.5	18	1290	0.153	3.5	335	365
1×150	1.4	1.6	20	1590	0.124	3.5	385	410
1×185	1.6	1.6	22	1944	0.0991	3.5	450	465
1×240	1.7	1.7	25	2510	0.0754	3.5	535	540
1×300	1.8	1.8	27	3042	0.0601	3.5	620	610
1×400	2	1.9	31	3869	0.047	3.5	720	695
1×500	2.2	2.1	35	4910	0.0366	3.5	835	780
1×630	2.4	2.2	40	6220	0.0283	3.5	960	880
1×800	2.6	2.4	45	7870	0.0221	3.5	1110	970
1×1000	2.8	2.6	51	9804	0.0176	3.5	1230	1060
2×2.5	0.7	1.8	11.8	151	7.41	3.5	26	35
2×4	0.7	1.8	12.7	198	4.61	3.5	34	45
2×6	0.7	1.8	13.7	250	3.08	3.5	43	57
2×10	0.7	1.8	15	374	1.83	3.5	60	77
2×16	0.7	1.8	17	518	1.15	3.5	83	105
2×25	0.9	1.8	20	772	0.727	3.5	105	125
2×35	0.9	1.8	22	1006	0.524	3.5	125	155
2×50	1	1.8	20	1365	0.387	3.5	160	185
2×70	1.1	1.8	21	1872	0.268	3.5	200	225
2×95	1.1	1.8	24	2475	0.193	3.5	245	270
2×120	1.2	1.8	27	3089	0.153	3.5	285	310
2×150	1.4	1.9	30	3834	0.124	3.5	325	345
3×1.5	0.7	1.5	10	145	12.1	3.5	20	27
3×2.5	0.7	1.5	11	185	7.41	3.5	26	35
3×4	0.7	1.5	12	250	4.61	3.5	34	45
3×6	0.7	1.5	13	320	3.08	3.5	43	57
3×10	0.7	1.8	16	450	1.83	3.5	60	77
3×16	0.7	1.8	18	640	1.15	3.5	83	105
3×25	0.9	1.8	21	940	0.727	3.5	105	125
3×35	0.9	1.8	23	1260	0.524	3.5	125	155
3×50	1	1.8	23	1670	0.387	3.5	160	185
3×70	1.1	1.8	26	2280	0.268	3.5	200	225
3×95	1.1	1.9	30	3020	0.193	3.5	245	270
3×120	1.2	2	32	3790	0.153	3.5	285	310
3×150	1.4	2.2	37	4750	0.124	3.5	325	345
3×185	1.6	2.3	41	5654	0.0991	3.5	375	390
3×240	1.7	2.4	46	7243	0.0754	3.5	440	450

LOW VOLTAGE XLPE INSULATED UNARMORED POWER CABLE

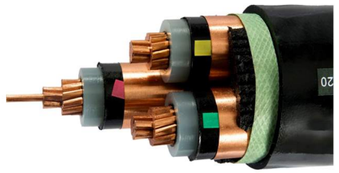
Specifications

Nom.Cross-section of conductor	Insulation Thickness	Sheath Thickness	Approx O.D.	Approx Weight	Max.D.C. Resistance of Conductor (20℃)	Test Voltage A.C	Current Rating	
mm²	mm	mm	mm	kg/km	Ω/km	kV/5min	In air (A)	In soil(A)
3×240	1.7	2.4	46	7243	0.0754	3.5	440	450
3×300	1.8	2.6	51	9465	0.0601	3.5	505	515
3×400	2	3	64	12066	0.047	3.5	570	575
4×4	0.7	1.8	13	253	4.61	3.5	34	45
4×6	0.7	1.8	14	337	3.08	3.5	43	57
4×10	0.7	1.8	17	501	1.83	3.5	60	77
4×16	0.7	1.8	20	778	1.15	3.5	83	105
4×25	0.9	1.8	23	1160	0.727	3.5	105	125
4×35	0.9	1.8	25	1554	0.524	3.5	125	155
4×50	1	1.8	23	2148	0.387	3.5	160	185
4×70	1.1	1.8	27	2928	0.268	3.5	200	225
4×95	1.1	1.9	31	3854	0.193	3.5	245	270
4×120	1.2	2	33	4925	0.153	3.5	285	310
4×150	1.4	2.2	38	6238	0.124	3.5	325	345
4×185	1.6	2.3	42	7562	0.0991	3.5	375	390
4×240	1.7	2.5	47	9836	0.0754	3.5	440	450
4×300	1.8	2.6	52	12550	0.0601	3.5	505	515
4×400	2	3.1	66	15929	0.047	3.5	570	575
5×4	0.7	1.8	14.5	349	4.61	3.5	34	45
5×6	0.7	1.8	15.8	460	3.08	3.5	43	57
5×10	0.7	1.8	19	699	1.83	3.5	60	77
5×16	0.7	1.8	22	1013	1.15	3.5	83	105
5×25	0.9	1.8	25	1566	0.727	3.5	105	125
5×35	0.9	1.9	28	2083	0.524	3.5	125	155
5×50	1	2	31	2921	0.387	3.5	160	185
5×70	1.1	2.1	36	3974	0.268	3.5	200	225
5×95	1.1	2.2	39	5297	0.193	3.5	245	270
5×120	1.2	2.4	44	6638	0.153	3.5	285	310
5×150	1.4	2.5	49	8290	0.124	3.5	325	345
5×185	1.6	2.7	55	10215	0.0991	3.5	375	390
5×240	1.7	3	64	13130	0.0754	3.5	440	450
5×300	1.8	3.2	70	16670	0.0601	3.5	505	515
3×4+1×2.5	0.7	1.8	13	236	4.61	3.5	34	45
3×6+1×4	0.7	1.8	14	316	3.08	3.5	43	57
3×10+1×6	0.7	1.8	17	461	1.83	3.5	60	77
3×16+1×10	0.7	1.8	19	679	1.15	3.5	83	105
3×25+1×16	0.9	1.8	22	1065	0.727	3.5	105	125
3×35+1×16	0.9	1.8	24	1360	0.524	3.5	125	155
3×50+1×25	1	1.8	25	1901	0.387	3.5	160	185
3×70+1×35	1.1	1.9	28	2585	0.268	3.5	200	225
3×95+1×50	1.1	2	32	3518	0.193	3.5	245	270
3×120+1×70	1.2	2.1	35	4443	0.153	3.5	285	310
3×150+1×70	1.4	2.2	40	5326	0.124	3.5	325	345
3×185+1×95	1.6	2.4	43	6682	0.0991	3.5	375	390
3×240+1×120	1.7	2.5	48	8501	0.0754	3.5	440	450
3×300+1×150	1.8	2.7	54	11155	0.0601	3.5	505	515
3×400+1×240	2	3.1	66	14470	0.047	3.5	570	575
3×4+2×2.5	0.7	1.8	13.9	309	4.61	3.5	34	45
3×6+2×4	0.7	1.8	15.3	413		3.5	43	57

Specifications

Nom.Cross-section of conductor	Insulation Thickness	Sheath Thickness	Approx O.D.	Approx Weight	Max.D.C. Resistance of Conductor (20℃)	Test Voltage A.C	Current Rating	
mm²	mm	mm	mm	kg/km	Ω/km	kV/5min	In air (A)	In soil(A)
3×10+2×6	0.7	1.8	18	603	1.83	3.5	60	77
3×16+2×10	0.7	1.8	21	888	1.15	3.5	83	105
3×25+2×16	0.9	1.8	24	1342	0.727	3.5	105	125
3×35+2×16	0.9	1.8	26	1647	0.524	3.5	125	155
3×50+2×35	1	1.9	29	2386	0.387	3.5	160	185
3×70+2×35	1.1	2	32	3201	0.268	3.5	200	225
3×95+2×50	1.1	2.1	36	4269	0. 193	3.5	245	270
3×120+2×70	1.2	2.3	41	5437	0. 153	3.5	285	310
3×150+2×70	1.4	2.4	44	6519	0. 124	3.5	325	345
3×185+2×95	1.6	2.5	49	8101	0.0991	3.5	375	390
3×240+2×120	1.7	2.7	54	10340	0.0754	3.5	440	450
3×300+2×150	1.8	2.8	56	12810	0.0601	3.5	505	515
4×4+1×2.5	0.7	1.8	14.5	331	4.61	3.5	34	45
4×6+1×4	0.7	1.8	15.9	435	3.08	3.5	43	57
4×10+1×6	0.7	1.8	18	649	1.83	3.5	60	77
4×16+1×10	0.7	1.8	21	965	1.15	3.5	83	105
4×25+1×16	0.9	1.8	25	1456	0.727	3.5	105	125
4×35+1×16	0.9	1.8	27	1863	0.524	3.5	125	155
4×50+1×25	1	1.9	29	2633	0.387	3.5	160	185
4×70+1×35	1.1	2	32	3565	0.268	3.5	200	225
4×95+1×50	1.1	2.1	36	4735	0. 193	3.5	245	270
4×120+1×70	1.2	2.3	41	5977	0. 153	3.5	285	310
4×150+1×70	1.4	2.4	44	7276	0. 124	3.5	325	345
4×185+1×95	1.6	2.5	49	9055	0.0991	3.5	375	390
4×240+1×120	1.7	2.7	54	11567	0.0754	3.5	440	450
4×300+1×150	1.8	3.1	66	14321	0.0601	3.5	505	515

CU/XLPE/CTS/PVC(CU/XLPE/CTS/FR-PVC), 3.6/6 KV



Cable Structure

- Conductor:Compact stranded copper conductor,Cl.2 as per IEC 60228
- Conductor Screen: Semi-conductor
- Insulation: XLPE(cross-linked polyethylene) rated at 90℃
- Insulation Screen: Semi-conductor
- Screen: Copper tape
- Sheath: PVC or FR-PVC type ST_2 to IEC 60502, black

Code Designation

YJ: XLPE insulation

V: PVC sheath

ZR: Flame resistant

Applications

For indoors and outdoors wiring work. Able to stand certain level traction during installation,but not external mechanical forces. single core cable wiring job in magnetic ducts is forbidden.

Standards

International:IEC 60502,IEC 60228,(IEC 60332-3 for ZR-YJV only)

China: GB/T 12706,(GB/T 18380-3 for ZR-YJV only)

Other standards such as BS, DIN and ICEA upon request

Technical Data

Rated voltage:3.6/6 kV

Maximum Conductor Temperature:under normal (90℃),emergency (130℃) or short circuit no more than 5s (250℃)conditions.

Min.Ambient Temp.-15℃,Installation Temp.0℃

Min.Bending Radius: 20 × cable O.D for single core

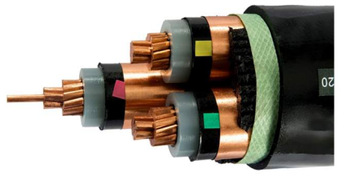
15 × cable O.D for multi core

Certificates

CE,RoHS,CCC,KEMA and more others at request

Nom.Cross-section of conductor	Insulation Thickness	Sheath Thickness	Approx O.D.	Approx Weight	Max.D.C.Resistance of Conductor (20℃)	Test Voltage A.C	Current Rating	
mm²	mm	mm	mm	kg/km	Ω/km	kV/5min	In air (A)	In soil(A)
1×25	2.5	1.5	18	619	0.727	12.5	135	150
1×35	2.5	1.5	19	737	0.524	12.5	165	180
1×50	2.5	1.6	20	901	0.387	12.5	200	215
1×70	2.5	1.6	22	1128	0.268	12.5	250	265
1×95	2.5	1.7	23	1391	0. 193	12.5	305	315
1×120	2.5	1.8	25	1655	0. 153	12.5	355	360
1×150	2.5	1.8	26	1961	0. 124	12.5	405	405
1×185	2.5	1.9	28	2334	0.0991	12.5	465	455
1×240	2.6	1.9	30	2904	0.0754	12.5	550	530
1×300	2.8	2	33	3547	0.0601	12.5	635	595
1×400	3	2.2	37	4572	0.047	12.5	745	680
1×500	3.2	2.3	41	5630	0.0366	12.5	855	765
1×630	3.2	2.4	45	6922	0.0283	12.5	980	860
1×800	3.2	2.5	50	8252	0.0221	12.5	1130	950
1×1000	3.2	2.6	54.8	10548	0.0176	12.5	1240	1040
3×25	2.5	2.1	37	1858	0.727	12.5	120	125
3×35	2.5	2.2	39	2244	0.524	12.5	145	155
3×50	2.5	2.3	40	2767	0.387	12.5	175	180
3×70	2.5	2.4	45	3494	0.268	12.5	215	220
3×95	2.5	2.5	48	4334	0. 193	12.5	265	265
3×120	2.5	2.6	51	5181	0. 153	12.5	305	300
3×150	2.5	2.7	54	6154	0. 124	12.5	345	340
3×185	2.5	2.9	58	7334	0.0991	12.5	400	380
3×240	2.6	3	63	9146	0.0754	12.5	470	435
3×300	2.8	3.2	69	11176	0.0601	12.5	535	485
3×400	3	3.5	77	14359	0.047	12.5	620	520

CU/XPLE/CTS/PVC(CU/XLPE/CTS/FR-PVC), 6/10 KV



Cable Structure

- Conductor:Compact stranded copper conductor,Cl.2 as per IEC 60228
- Conductor Screen: Semi-conductor
- Insulation: XLPE(cross-linked polyethylene) rated at 90°C
- Insulation Screen: Semi-conductor
- Screen: Copper tape
- Sheath: PVC or FR-PVC type ST_2 to IEC 60502, black

Code Designation

YJ: XLPE insulation

V: PVC sheath

ZR: Flame resistant

Applications

For indoors and outdoors wiring work. Able to stand certain level traction during installation,but not external mechanical forces. single core cable wiring job in magnetic ducts is forbidden.

Standards

International:IEC 60502,IEC 60228,(IEC 60332-3 for ZR-YJV only)

China: GB/T 12706,(GB/T 18380-3 for ZR-YJV only)

Other standards such as BS, DIN and ICEA upon request

Technical Data

Rated voltage: 6/10 kV

Maximum Conductor Temperature:under normal (90°C),emergency (130°C) or short circuit no more than 5s (250°C)conditions.

Min.Ambient Temp.-15°C,Installation Temp.0°C

Min.Bending Radius: 20 × cable O.D for single core

15 × cable O.D for multi core

Certificates

CE,RoHS,CCC,KEMA and more others at request

Specifications

Nom.Cross-section of conductor	Insulation Thickness	Sheath Thickness	Approx O.D.	Approx Weight	Max.D.C.Resistance of Conductor (20°C)	Test Voltage A.C	Current Rating	
mm²	mm	mm	mm	kg/km	Ω/km	kV/5min	In air (A)	In soil(A)
1×25	3.4	2	20	598	0.727	21	140	150
1×35	3.4	2	22	719	0.524	21	175	180
1×50	3.4	2	23	884	0.387	21	205	215
1×70	3.4	2	24	1097	0.268	21	260	265
1×95	3.4	2	26	1378	0. 193	21	315	315
1×120	3.4	2	28	1658	0. 153	21	365	360
1×150	3.4	2	30	1967	0. 124	21	415	405
1×185	3.4	2	31	2335	0.0991	21	475	455
1×240	3.4	2	34	2908	0.0754	21	565	530
1×300	3.4	2	36	3507	0.0601	21	645	595
1×400	3.4	2.5	39	4503	0.047	21	750	680
1×500	3.4	2.5	42	5479	0.0366	21	865	765
1×630	3.4	2.5	48	6952	0.0283	21	990	860
1×800	3.4	2.6	52	7120	0.0221	21	1140	950
1×1000	3.4	2.8	57	10500	0.0176	21	1250	1040
3×25	3.4	2.3	41	895	0.727	21	120	125
3×35	3.4	2.4	44	2293	0.524	21	145	155
3×50	3.4	2.5	46	2812	0.387	21	175	180
3×70	3.4	2.6	50	3508	0.268	21	220	220
3×95	3.4	2.7	53	4402	0. 193	21	265	265
3×120	3.4	2.8	56	5319	0. 153	21	305	300
3×150	3.4	2.9	59	6309	0. 124	21	350	340
3×185	3.4	3	62	7319	0.0991	21	395	380
3×240	3.4	3.2	68	9218	0.0754	21	470	435
3×300	3.4	3.4	72	11159	0.0601	21	535	485
3×400	3.4	3.6	81	15107	0.047	21	610	520

MEDIUM VOLTAGE XLPE INSULATED UNARMORED POWER CABLE

CU/XLPE/CTS/PVC(CU/XLPE/CTS/FR-PVC), 8.7/15KV

Cable Structure

- Conductor:Compact stranded copper conductor,Cl.2 as per IEC 60228
- Conductor Screen: Semi-conductor
- Insulation: XLPE(cross-linked polyethylene) rated at 90°C
- Insulation Screen: Semi-conductor
- Screen: Copper tape
- Sheath: PVC or FR-PVC type ST_2 to IEC 60502, black

Code Designation

YJ: XLPE insulation

V: PVC sheath

ZR: Flame resistant

Applications

For indoors and outdoors wiring work. Able to stand certain level traction during installation,but not external mechanical forces. single core cable wiring job in magnetic ducts is forbidden.

Standards

International:IEC 60502,IEC 60228,(IEC 60332-3 for ZR-YJV only)

China: GB/T 12706,(GB/T 18380-3 for ZR-YJV only)

Other standards such as BS, DIN and ICEA upon request

Technical Data

Rated voltage: 8.7/15 kV

Maximum Conductor Temperature:under normal (90°C),emergency (130°C) or short circuit no more than 5s (250°C)conditions.

Min.Ambient Temp.-15°C,Installation Temp.0°C

Min.Bending Radius: 20 × cable O.D for single core

15 × cable O.D for multi core

Certificates

CE,RoHS,CCC,KEMA and more others at request

Specifications

Nom.Cross-section of conductor	Insulation Thickness	Sheath Thickness	Approx O.D.	Approx Weight	Max.D.C.Resistance of Conductor (20°C)	Test Voltage A.C	Current Rating	
mm²	mm	mm	mm	kg/km	Ω/km	kV/5min	In air (A)	In soil(A)
1×25	4.5	1.8	23.0	680	0.7270	30.5	140	150
1×35	4.5	1.8	24.0	804	0.5240	30.5	175	180
1×50	4.5	1.9	25.0	984	0.3870	30.5	205	215
1×70	4.5	1.9	27.0	1201	0.2680	30.5	260	265
1×95	4.5	2.0	29.0	1490	0.1930	30.5	315	315
1×120	4.5	2.0	30.0	1765	0.1530	30.5	365	360
1×150	4.5	2.1	32.0	2091	0.1240	30.5	415	405
1×185	4.5	2.1	34.0	2452	0.0991	30.5	475	455
1×240	4.5	2.2	36.0	3034	0.0754	30.5	565	530
1×300	4.5	2.4	39.0	3672	0.0601	30.5	645	595
1×400	4.5	2.4	42.0	4646	0.0470	30.5	750	680
1×500	4.5	2.5	45.0	5651	0.0366	30.5	865	765
1×630	4.5	2.5	50.0	7154	0.0283	30.5	990	860
1×800	4.5	2.7	55.0	8750	0.0221	30.5	1140	950
1×1000	4.5	2.9	59.0	10727	0.0176	30.5	1250	1040
3×25	4.5	2.4	46.0	2573	0.7270	30.5	120	125
3×35	4.5	2.6	48.0	2985	0.5240	30.5	145	155
3×50	4.5	2.7	51.0	3529	0.3870	30.5	175	180
3×70	4.5	2.8	55.0	4197	0.2680	30.5	220	220
3×95	4.5	2.9	58.0	5230	0.1930	30.5	265	265
3×120	4.5	3.0	61.0	6120	0.1530	30.5	305	300
3×150	4.5	3.1	64.0	7207	0.1240	30.5	350	340
3×185	4.5	3.2	68.0	8378	0.0991	30.5	395	380
3×240	4.5	3.4	73.0	10177	0.0754	30.5	470	435
3×300	4.5	3.5	77.0	12159	0.0601	30.5	535	485
3×400	4.5	3.8	86.0	15641	0.0470	30.5	610	520

MEDIUM VOLTAGE XLPE INSULATED UNARMORED POWER CABLE

CU/XLPE/CTS/PVC(CU/XLPE/CTS/FR-PVC), 12/20KV

Cable Structure

- Conductor:Compact stranded copper conductor,Cl.2 as per IEC 60228
- Conductor Screen: Semi-conductor
- Insulation: XLPE(cross-linked polyethylene) rated at 90°C
- Insulation Screen: Semi-conductor
- Screen: Copper tape
- Sheath: PVC or FR-PVC type ST_2 to IEC 60502, black

Code Designation

YJ: XLPE insulation

V: PVC sheath

ZR: Flame resistant

Applications

For indoors and outdoors wiring work. Able to stand certain level traction during installation,but not external mechanical forces. single core cable wiring job in magnetic ducts is forbidden.

Standards

International:IEC 60502,IEC 60228,(IEC 60332-3 for ZR-YJV only)

China: GB/T 12706,(GB/T 18380-3 for ZR-YJV only)

Other standards such as BS, DIN and ICEA upon request

Technical Data

Rated voltage: 12/20 kV

Maximum Conductor Temperature:under normal (90°C),emergency (130°C) or short circuit no more than 5s (250°C)conditions.

Min.Ambient Temp.-15°C,Installation Temp.0°C

Min.Bending Radius: 20 × cable O.D for single core

15 × cable O.D for multi core

Certificates

CE,RoHS,CCC,KEMA and more others at request

Specifications

Nom.Cross-section of conductor	Insulation Thickness	Sheath Thickness	Approx O.D.	Approx Weight	Max.D.C.Resistance of Conductor (20°C)	Test Voltage A.C	Current Rating	
mm²	mm	mm	mm	kg/km	Ω/km	kV/5min	In air (A)	In soil(A)
1×35	5.5	1.9	25	979	0.524	42	170	180
1×50	5.5	1.9	27	1155	0.387	42	205	215
1×70	5.5	2	28	1393	0.268	42	260	265
1×95	5.5	2	30	1681	0. 193	42	315	315
1×120	5.5	2	32	1979	0. 153	42	360	360
1×150	5.5	2. 1	33	2301	0. 124	42	410	405
1×185	5.5	2.2	35	2718	0.0991	42	470	455
1×240	5.5	2.2	37	3302	0.0754	42	555	530
1×300	5.5	2.3	39	3941	0.0601	42	640	595
1×400	5.5	2.4	43	4931	0.047	42	745	680
1×500	5.5	2.5	47	5956	0.0366	42	885	765
1×630	5.5	2.6	51	7769	0.0283	42	980	860
1×800	5.5	2.8	55	8945	0.0221	42	1100	950
1×1000	5.5	2.9	61	10918	0.0176	42	1230	1040
1×1200	5.5	3.1	65	12900	0.0151	42	1320	1100
3×35	5.5	2.7	53	3348	0.524	42	140	155
3×50	5.5	2.9	55	3904	0.387	42	165	180
3×70	5.5	2.9	59	4623	0.268	42	210	220
3×95	5.5	3	62	5593	0. 193	42	255	265
3×120	5.5	3. 1	66	6495	0. 153	42	290	300
3×150	5.5	3.2	69	7637	0. 124	42	330	340
3×185	5.5	3.4	72	8803	0.0991	42	435	380
3×240	5.5	3.5	77	10729	0.0754	42	495	435
3×300	5.5	3.7	82	12723	0.0601	42	565	485
3×400	5.5	3.9	90	16207	0.047	42	640	520

MEDIUM VOLTAGE XLPE INSULATED UNARMORED POWER CABLE

CU/XLPE/CTS/PVC(CU/XLPE/CTS/FR-PVC), 18/30KV

Cable Structure

- Conductor:Compact stranded copper conductor,Cl.2 as per IEC 60228
- Conductor Screen: Semi-conductor
- Insulation: XLPE(cross-linked polyethylene) rated at 90°C
- Insulation Screen: Semi-conductor
- Screen: Copper tape
- Sheath: PVC or FR-PVC type ST_2 to IEC 60502, black

Code Designation

YJ: XLPE insulation

V: PVC sheath

ZR: Flame resistant

Applications

For indoors and outdoors wiring work. Able to stand certain level traction during installation,but not external mechanical forces. single core cable wiring job in magnetic ducts is forbidden.

Standards

International:IEC 60502,IEC 60228,(IEC 60332-3 for ZR-YJV only)

China: GB/T 12706,(GB/T 18380-3 for ZR-YJV only)

Other standards such as BS, DIN and ICEA upon request

Technical Data

Rated voltage:18/30kV

Maximum Conductor Temperature:under normal (90°C),emergency (130°C) or short circuit no more than 5s (250°C)conditions.

Min.Ambient Temp.-15°C,Installation Temp.0°C

Min.Bending Radius: 20 × cable O.D for single core

15 × cable O.D for multi core

Certificates

CE,RoHS,CCC,KEMA and more others at request

Specifications

Nom.Cross-section of conductor	Insulation Thickness	Sheath Thickness	Approx O.D.	Approx Weight	Max.D.C.Resistance of Conductor (20°C)	Test Voltage A.C	Current Rating	
mm²	mm	mm	mm	kg/km	Ω/km	kV/5min	In air (A)	In soil(A)
1×50	8	2	33	1560	0.387	63	210	215
1×70	8	2.1	35	1840	0.268	63	260	265
1×95	8	2.1	36	2140	0. 193	63	320	315
1×120	8	2.2	38	2450	0. 153	63	370	360
1×150	8	2.2	39	2790	0. 124	63	420	405
1×185	8	2.3	41	3200	0.0991	63	480	455
1×240	8	2.3	43	3800	0.0754	63	565	530
1×300	8	2.4	45	4460	0.0601	63	650	595
1×400	8	2.5	49	5530	0.047	63	755	680
1×500	8	2.6	53	6160	0.0366	63	865	765
1×630	8	2.7	56	8020	0.0283	63	1000	860
3×50	8	2.8	55	5290	0.387	63	175	180
3×70	8	2.9	59	6240	0.268	63	220	220
3×95	8	3	62	7360	0. 193	63	255	265
3×120	8	3.1	66	8350	0. 153	63	290	300
3×150	8	3.2	69	9520	0. 124	63	330	340
3×185	8	3.4	72	10830	0.0991	63	435	380
3×240	8	3.5	77	12810	0.0754	63	495	435
3×300	8	3.7	82	14920	0.0601	63	565	485
3×400	8	3.9	90	18110	0.047	63	640	520

MEDIUM VOLTAGE XLPE INSULATED UNARMORED POWER CABLE

CU/XLPE/CTS/PVC(CU/XLPE/CTS/FR-PVC), 21/35KV

Cable Structure

- Conductor:Compact stranded copper conductor,Cl.2 as per IEC 60228
- Conductor Screen: Semi-conductor
- Insulation: XLPE(cross-linked polyethylene) rated at 90°C
- Insulation Screen: Semi-conductor
- Screen: Copper tape
- Sheath: PVC or FR-PVC type ST_2 to IEC 60502, black

Code Designation

YJ: XLPE insulation

V: PVC sheath

ZR: Flame resistant

Applications

For indoors and outdoors wiring work. Able to stand certain level traction during installation,but not external mechanical forces. single core cable wiring job in magnetic ducts is forbidden.

Standards

International:IEC 60502,IEC 60228,(IEC 60332-3 for ZR-YJV only)

China: GB/T 12706,(GB/T 18380-3 for ZR-YJV only)

Other standards such as BS, DIN and ICEA upon request

Technical Data

Rated voltage:21/35 kV

Maximum Conductor Temperature:under normal (90°C),emergency (130°C) or short circuit no more than 5s (250°C)conditions.

Min.Ambient Temp.-15°C,Installation Temp.0°C

Min.Bending Radius: 20 × cable O.D for single core

15 × cable O.D for multi core

Certificates

CE,RoHS,CCC,KEMA and more others at request

Specifications

Nom.Cross-section of conductor	Insulation Thickness	Sheath Thickness	Approx O.D.	Approx Weight	Max.D.C.Resistance of Conductor (20°C)	Test Voltage A.C	Current Rating	
mm²	mm	mm	mm	kg/km	Ω/km	kV/5min	In air (A)	In soil(A)
1×50	9.3	2	37	1609	0.387	73.5	220	215
1×70	9.3	2.5	38	1850	0.268	73.5	270	265
1×95	9.3	2.5	40	2193	0.193	73.5	330	315
1×120	9.3	2.5	42	2498	0.153	73.5	375	360
1×150	9.3	2.5	44	2830	0.124	73.5	425	400
1×185	9.3	2.5	45	3248	0.0991	73.5	485	455
1×240	9.3	2.5	48	3881	0.0754	73.5	560	525
1×300	9.3	3	50	4529	0.0601	73.5	650	595
1×400	9.3	3	53	5570	0.047	73.5	760	680
1×500	9.3	3	55	6690	0.0366	73.5	875	775
1×630	9.3	3.1	60	8099	0.0283	73.5	1000	875
1×800	9.3	3.1	65	9752	0.0221	73.5	1130	970
1×1000	9.3	3.2	70	11781	0.0176	73.5	1250	1060
1×1200	9.3	3.3	74	13784	0.0151	73.5	1350	1120
3×50	9.3	3.5	76	4817	0.387	73.5	185	200
3×70	9.3	3.6	80	5668	0.268	73.5	230	250
3×95	9.3	3.7	83	6642	0. 193	73.5	280	300
3×120	9.3	3.8	86	7603	0. 153	73.5	310	330
3×150	9.3	3.9	89	8678	0. 124	73.5	360	380
3×185	9.3	4	93	9965	0.0991	73.5	400	425
3×240	9.3	4.2	98	11914	0.0754	73.5	470	490
3×300	9.3	4.3	102	14026	0.0601	73.5	540	555
3×400	9.3	4.6	110	17266	0.047	73.5	610	625

MEDIUM VOLTAGE XLPE INSULATED UNARMORED POWER CABLE

CU/XLPE/CTS/PVC(CU/XLPE/CTS/FR-PVC), 26/35KV

Cable Structure

- Conductor:Compact stranded copper conductor,Cl.2 as per IEC 60228
- Conductor Screen: Semi-conductor
- Insulation: XLPE(cross-linked polyethylene) rated at 90°C
- Insulation Screen: Semi-conductor
- Screen: Copper tape
- Sheath: PVC or FR-PVC type ST_2 to IEC 60502, black

Code Designation

YJ: XLPE insulation

V: PVC sheath

ZR: Flame resistant

Applications

For indoors and outdoors wiring work. Able to stand certain level traction during installation,but not external mechanical forces. single core cable wiring job in magnetic ducts is forbidden.

Standards

International:IEC 60502,IEC 60228,(IEC 60332-3 for ZR-YJV only)

China: GB/T 12706,(GB/T 18380-3 for ZR-YJV only)

Other standards such as BS, DIN and ICEA upon request

Technical Data

Rated voltage:26/35 kV

Maximum Conductor Temperature:under normal (90°C),emergency (130°C) or short circuit no more than 5s (250°C)conditions.

Min.Ambient Temp.-15°C,Installation Temp.0°C

Min.Bending Radius: 20 × cable O.D for single core

15 × cable O.D for multi core

Certificates

CE,RoHS,CCC,KEMA and more others at request

Specifications

Nom.Cross-section of conductor	Insulation Thickness	Sheath Thickness	Approx O.D.	Approx Weight	Max.D.C.Resistance of Conductor (20°C)	Test Voltage A.C	Current Rating	
mm²	mm	mm	mm	kg/km	Ω/km	kV/5min	In air (A)	In soil(A)
1×50	10.5	2.2	39	1758	0.387	91	220	215
1×70	10.5	2.4	41	2038	0.268	91	270	265
1×95	10.5	2.4	42	2355	0. 193	91	330	315
1×120	10.5	2.4	44	2666	0. 153	91	375	360
1×150	10.5	2.5	45	3031	0. 124	91	425	400
1×185	10.5	2.5	47	3427	0.0991	91	485	455
1×240	10.5	2.6	49	4070	0.0754	91	560	525
1×300	10.5	2.7	51	4748	0.0601	91	650	595
1×400	10.5	2.8	55	5801	0.047	91	760	680
1×500	10.5	2.9	58	6623	0.0366	91	875	775
1×630	10.5	3	62	8211	0.0283	91	1000	875
1×800	10.5	3.1	68	10014	0.0221	91	1130	970
1×1000	10.5	3.3	72	12078	0.0176	91	1250	1060
1×1200	10.5	3.4	76	14100	0.0151	91	1350	1120
3×50	10.5	3.7	81	6728	0.387	91	185	200
3×70	10.5	3.8	84	7581	0.268	91	230	250
3×95	10.5	3.9	88	8630	0. 193	91	280	300
3×120	10.5	4	91	9688	0. 153	91	310	330
3×150	10.5	4.1	95	11017	0. 124	91	360	380
3×185	10.5	4.2	98	12390	0.0991	91	400	425
3×240	10.5	4.4	103	14427	0.0754	91	470	490
3×300	10.5	4.5	108	15940	0.0601	91	540	555
3×400	10.5	4.8	116	19346	0.047	91	610	625

MEDIUM VOLTAGE XLPE INSULATED UNARMORED POWER CABLE

CU/XLPE/PVC/AWA/PVC(CU/XLPE/PVC/AWA/FR-PVC),0.6/1KV

Cable Structure

- Conductor: Compact stranded copper conductor, Cl.2 as per IEC 60228
- Insulation: XLPE(cross-linked polyethylene) rated at 90℃
- Inner covering: PVC
- Armoring: Aluminum wire
- Sheath: PVC or FR-PVC type ST2 to IEC 60502, black

Code Designation

YJ: XLPE insulation

V: PVC sheath

72: Aluminum wire armoring

ZR: Flame resistant

Applications

Wiring environment apply to shafts, water and soil, able to stand the larger positive pressure.

Standards

International:IEC 60502,IEC 60228,IEC 60332

China:GB/T 12706.1-2020

Other standards such as BS, DIN and ICEA upon request

Technical data

Rated voltage:0.6/1 kV

Maximum Conductor Temperature: under normal(90℃), emergency (130℃) or short circuit no more than 5s (250℃) conditions.

Min.Ambient Temp.-15℃, Installation Temp. 0℃

Min.Bending Radius:15 × cable O.D for single core

Certificates

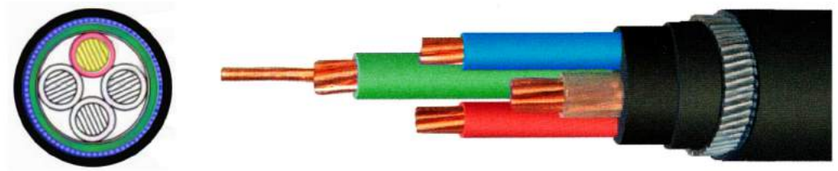
CE, RoHS,CCC,KEMA and more others at request

Specifications

Nom.Cross-section of conductor	Insulation Thickness	Inner Covering Thickness	Dia. Of Armor Wire	Sheath Thickness	Approx O.D.	Approx Weight	Max.D.C. Resistance of Conductor (20 ℃)	Test Voltage A.C	Current Rating	
mm²	mm	mm	mm	mm	mm	kg/km	Ω/km	kV/5min	In air(A)	In soil(A)
1×25	0.9	1.0	1.6	1.8	19.0	653	0.727	3.5	120	155
1×35	0.9	1.0	1.6	1.8	20.2	775	0.524	3.5	150	185
1×50	1.0	1.0	1.6	1.8	22.0	936	0.387	3.5	180	220
1×70	1.1	1.0	1.6	1.8	23.5	1175	0.268	3.5	230	270
1×95	1.1	1.0	1.6	1.8	25.3	1556	0. 193	3.5	285	320
1×120	1.2	1.0	1.6	1.8	27.0	1822	0. 153	3.5	335	365
1×150	1.4	1.0	1.6	1.8	29.3	2156	0. 124	3.5	385	410
1×185	1.6	1.0	1.6	1.8	31.5	2536	0.0991	3.5	450	465
1×240	1.7	1.0	2.0	2.0	34.5	3110	0.0754	3.5	535	540
1×300	1.8	1.0	2.0	2.0	38.0	3947	0.0601	3.5	620	610
1×400	2.0	1.2	2.0	2. 1	44.0	5046	0.047	3.5	720	695
1×500	2.2	1.2	2.0	2.2	48.0	6103	0.0366	3.5	835	780
1×630	2.4	1.2	2.5	2.4	54.0	7958	0.0283	3.5	960	880

LOW VOLTAGE XLPE INSULATED STEEL WIRE ARMORED MULTI-CORE POWER CABLE

CU/XLPE/PVC/SWA/PVC(CU/XLPE/PVC/SWA/FR-PVC),0.6/1KV



Cable Structure

- Conductor: Compact stranded copper conductor, Cl.2 as per IEC 60228
- Insulation: XLPE(cross-linked polyethylene) rated at 90°C
- Inner covering: PVC
- Armoring: Galvanized steel wire
- Sheath: PVC or FR-PVC type ST2 to IEC 60502, black

Code Designation

YJ: XLPE insulation

V: PVC sheath

32: Galvanized steel wire armoring

ZR: Flame resistant

Applications

Wiring environment apply to shafts, water and soil, able to stand the larger positive pressure.

Standards

International:IEC 60502,IEC 60228,IEC 60332

China:GB/T 12706.1-2020

Other standards such as BS, DIN and ICEA upon request

Technical data

Rated voltage:0.6/1 kV

Maximum Conductor Temperature: under normal(90°C), emergency (130°C) or short circuit no more than 5s (250°C) conditions.

Min.Ambient Temp.0°C, after installation and only when cable is in a fixed position.

Min.Bending Radius:12 × cable O.D for multi core

Certificates

CE, RoHS,CCC,KEMA and more others at request

Specifications

Nom.Cross-section of conductor	Insulation Thickness	Inner Covering Thickness	Dia. Of Armor Wire	Sheath Thickness	Approx O.D.	Approx Weight	Max.D.C. Resistance of Conductor (20°C)	Test Voltage A.C	Current Rating	
mm²	mm	mm	mm	mm	mm	kg/km	Ω/km	kV/5min	In air(A)	In soil(A)
2×1.5	0.7	1.0	0.90	1.8	15	330	12.1	3.5	20	27
2×2.5	0.7	1.0	0.90	1.8	16	376	7.41	3.5	26	35
2×4	0.7	1.0	0.90	1.8	17	554	4.61	3.5	34	45
2×6	0.7	1.0	0.90	1.8	18.2	633	3.08	3.5	43	57
2×10	0.7	1.0	1.25	1.8	21	797	1.83	3.5	60	77
2×16	0.7	1.0	1.60	1.8	23.5	1124	1.15	3.5	83	105
2×25	0.9	1.0	1.60	1.8	26	1417	0.727	3.5	105	125
2×35	0.9	1.0	1.60	1.8	30.5	1694	0.524	3.5	125	155
2×50	1.0	1.0	1.60	1.8	27	1787	0.387	3.5	160	185
2×70	1.1	1.0	1.60	2.0	30	2181	0.268	3.5	200	225
2×95	1.1	1.2	1.60	2.1	34	2768	0.193	3.5	245	270
2×120	1.2	1.2	2.00	2.2	36.5	3500	0.153	3.5	285	310
2×150	1.4	1.2	2.00	2.4	42	4233	0.124	3.5	325	345
2×185	1.6	1.2	2.00	2.5	45	4979	0.0991	3.5	375	390
3×1.5	0.7	1.0	0.90	1.8	15.8	359	12. 1	3.5	20	27
3×2.5	0.7	1.0	0.90	1.8	16.8	415	7.41	3.5	26	35
3×4	0.7	1.0	0.90	1.8	18	611	4.61	3.5	34	45
3×6	0.7	1.0	0.90	1.8	19	718	3.08	3.5	43	57
3×10	0.7	1.0	1.25	1.8	22	937	1.83	3.5	60	77
3×16	0.7	1.0	1.60	1.8	24.5	1318	1.15	3.5	83	105
3×25	0.9	1.0	1.60	1.8	29.2	1707	0.727	3.5	105	125
3×35	0.9	1.0	1.60	1.8	32.5	2071	0.524	3.5	125	155
3×50	1.0	1.0	1.60	1.9	33	2405	0.387	3.5	160	185
3×70	1.1	1.0	1.60	2.0	37	3084	0.268	3.5	200	225
3×95	1.1	1.2	1.60	2.1	43	4126	0.193	3.5	245	270
3×120	1.2	1.2	2.00	2.3	45	4901	0.153	3.5	285	310
3×150	1.4	1.4	2.00	2.4	51	6365	0.124	3.5	325	345
3×185	1.6	1.4	2.00	2.6	56	7555	0.0991	3.5	375	390
3×240	1.7	1.4	2.50	2.8	62	9284	0.0754	3.5	440	450
3×300	1.8	1.6	2.50	3.0	67	11226	0.0601	3.5	505	515
3×400	2.0	1.6	2.50	3.2	74	15714	0.047	3.5	570	575
4×4	0.7	1.0	0.90	1.8	18	699	4.61	3.5	34	45
4×6	0.7	1.0	1.25	1.8	19	820	3.08	3.5	43	57
4×10	0.7	1.0	1.25	1.8	22	1233	1.83	3.5	60	77
4×16	0.7	1.0	1.60	1.8	24.5	1550	1.15	3.5	83	105
4×25	0.9	1.0	1.60	1.8	29.2	2036	0.727	3.5	105	125
4×35	0.9	1.0	2.00	1.9	32.5	2501	0.524	3.5	125	155
4×50	1.0	1.0	2.00	2.0	33	3064	0.387	3.5	160	185
4×70	1.1	1.0	2.00	2.1	37	3974	0.268	3.5	200	225

LOW VOLTAGE XLPE INSULATED STEEL WIRE ARMORED MULTI-CORE POWER CABLE

Specifications

Nom.Cross-section of conductor	Insulation Thickness	Inner Covering Thickness	Dia. Of Armor Wire	Sheath Thickness	Approx O.D.	Approx Weight	Max.D.C. Resistance of Conductor (20°C)	Test Voltage A.C	Current Rating	
mm²	mm	mm	mm	mm	mm	kg/km	Ω/km	kV/5min	In air(A)	In soil(A)
4×95	1.1	1.2	2.00	2.3	43	5032	0. 193	3.5	245	270
4×120	1.2	1.2	2.50	2.4	45	6327	0. 153	3.5	285	310
4×150	1.4	1.4	2.50	2.5	51	7765	0. 124	3.5	325	345
4×185	1.6	1.4	2.50	2.7	56	9205	0.0991	3.5	375	390
4×240	1.7	1.4	2.50	3.0	62	11444	0.0754	3.5	440	450
4×300	1.8	1.6	2.50	3.2	67	13830	0.0601	3.5	505	515
4×400	2.0	1.6	3. 15	3.5	74	19673	0.047	3.5	570	575
5×4	0.7	1.0	1.25	1.8	20	783	4.61	3.5	34	45
5×6	0.7	1.0	1.25	1.8	22.4	946	3.08	3.5	43	57
5×10	0.7	1.0	1.6	1.8	25.8	1398	1.83	3.5	60	77
5×16	0.7	1.0	1.6	1.8	29	1784	1.15	3.5	83	105
5×25	0.9	1.0	1.6	1.8	34.2	2378	0.727	3.5	105	125
5×35	0.9	1.0	1.6	1.9	37.8	3237	0.524	3.5	125	155
5×50	1.0	1.2	2	2.1	43.2	3994	0.387	3.5	160	185
5×70	1.1	1.2	2	2.3	49	5514	0.268	3.5	200	225
5×95	1.1	1.4	2.5	2.5	55	6816	0.193	3.5	245	270
5×120	1.2	1.4	2.5	2.6	61	8174	0.153	3.5	285	310
5×150	1.4	1.4	2.5	2.8	67.8	9859	0.124	3.5	325	345
5×185	1.6	1.6	2.5	3.0	74.3	11805	0.0991	3.5	375	390
5×240	1.7	1.6	3.2	3.3	83	15706	0.0754	3.5	440	450
3×4+1×2.5	0.7	1.0	0.9	1.8	18.7	624	4.61	3.5	34	45
3×6+1×4	0.7	1.0	0.9	1.8	20	752	3.08	3.5	43	57
3×10+1×6	0.7	1.0	1.25	1.8	23.3	1154	1.83	3.5	60	77
3×16+1×10	0.7	1.0	1.25	1.8	25.8	1456	1.15	3.5	83	105
3×25+1×16	0.9	1.0	1.6	1.8	30	1905	0.727	3.5	105	125
3×35+1×16	0.9	1.0	1.6	1.8	33	2259	0.524	3.5	125	155
3×50+1×25	1.0	1.0	1.6	1.9	35.5	2705	0.387	3.5	160	185
3×70+1×35	1.1	1.2	2	2.0	41	3729	0.268	3.5	200	225
3×95+1×50	1.1	1.2	2	2.1	46	4732	0.193	3.5	245	270
3×120+1×70	1.2	1.4	2	2.3	51	6071	0.153	3.5	285	310
3×150+1×70	1.4	1.4	2.5	2.4	56.5	7198	0.124	3.5	325	345
3×185+1×95	1.6	1.4	2.5	2.6	62	8558	0.0991	3.5	375	390
3×240+1×120	1.7	1.6	2.5	2.8	68	10580	0.0754	3.5	440	450
3×300+1×150	1.8	1.6	2.5	3.0	75	12742	0.0601	3.5	505	515
3×4+2×2.5	0.7	1.0	0.9	3.2	18.7	735	4.61	3.5	34	45
3×6+2×4	0.7	1.0	1.25	1.8	21	879	3.08	3.5	43	57
3×10+2×6	0.7	1.0	1.25	1.8	24.2	1263	1.83	3.5	60	77
3×16+2×10	0.7	1.0	1.6	1.8	27.5	1616	1.15	3.5	83	105
3×25+2×16	0.9	1.0	1.6	1.8	32.5	2142	0.727	3.5	105	125

Specifications

Nom.Cross-section of conductor	Insulation Thickness	Inner Covering Thickness	Dia. Of Armor Wire	Sheath Thickness	Approx O.D.	Approx Weight	Max.D.C. Resistance of Conductor (20°C)	Test Voltage A.C	Current Rating	
mm²	mm	mm	mm	mm	mm	kg/km	Ω/km	kV/5min	In air(A)	In soil(A)
3×35+2×16	0.9	1.0	1.6	1.8	35.5	2492	0.524	3.5	125	155
3×50+2×25	1.0	1.0	2	1.9	40	3408	0.387	3.5	160	185
3×70+2×35	1.1	1.0	2	2.2	45.6	4338	0.268	3.5	200	225
3×95+2×50	1.1	1.2	2	2.4	50	5374	0.193	3.5	245	270
3×120+2×70	1.2	1.2	2.5	2.6	56.9	7145	0.153	3.5	285	310
3×150+2×70	1.4	1.4	2.5	2.7	62.4	8076	0. 124	3.5	325	345
3×185+2×95	1.6	1.4	2.5	3.0	67.6	9779	0.0991	3.5	375	390
3×240+2×120	1.7	1.4	2.5	3.2	73.8	12024	0.0754	3.5	440	450
3×300+2×150	1.8	1.6	3.15	3.4	83	14366	0.0601	3.5	505	515
4×4+1×2.5	0.7	1.0	0.9	1.8	20	752	4.61	3.5	34	45
4×6+1×4	0.7	1.0	1.25	1.8	21.5	913	3.08	3.5	43	57
4×10+1×6	0.7	1.0	1.25	1.8	25	1323	1.83	3.5	60	77
4×16+1×10	0.7	1.0	1.6	1.8	28.6	1691	1.15	3.5	83	105
4×25+1×16	0.9	1.0	1.6	1.8	33.5	2256	0.727	3.5	105	125
4×35+1×16	0.9	1.0	1.6	1.9	36	2957	0.524	3.5	125	155
4×50+1×25	1.0	1.0	2	2.2	42	3643	0.387	3.5	160	185
4×70+1×35	1.1	1.2	2	2.4	47	4614	0.268	3.5	200	225
4×95+1×50	1.1	1.2	2	2.6	51.2	6140	0.193	3.5	245	270
4×120+1×70	1.2	1.4	2.5	2.8	59	7544	0.153	3.5	285	310
4×150+1×70	1.4	1.4	2.5	3.0	64	8733	0.124	3.5	325	345
4×185+1×95	1.6	1.4	2.5	3.1	71	10597	0.0991	3.5	375	390
4×240+1×120	1.7	1.6	2.5	3.3	78	13029	0.0754	3.5	440	450
4×300+1×150	1.8	1.6	3.15	3.5	88	17172	0.0601	3.5	505	515

CU/XLPE/CTS/PVC/AWA/PVC(CU/XLPE/CTS/PVC/AWA/FR-PVC), 3.6/6KV

CU/XLPE/CTS/PVC/SWA/PVC(CU/XLPE/CTS/PVC/SWA/FR-PVC), 3.6/6KV

Cable Structure

- Conductor:Compact stranded copper conductor,Cl.2 as per IEC 60228
- Conductor Screen:Semi-conductor
- Insulation:XLPE(cross-linked polyethylene) rated at 90°C
- Insulation Screen:Semi-conductor
- Screen: Copper tape
- Inner covering: PVC
- Armoring: Aluminum wire-1 core
  Galvanized steel wire -3 cores
- Sheath:PVC or FR-PVC type ST2 to IEC 60502.black

Code Designation

YJ:XLPE insulation

V:PVC sheath

32:Galvanized steel wire armoring-3 cores

72:Aluminum wire armoring-1 core

ZR:Flame resistant

Applications

Wiring environment apply to shafts,water and soil,able to bear the larger positive pressure.

Standards

International:IEC 60502, IEC 60228,(IEC 60332-3 for ZR-YJV32, ZR-YJV72, only)

China:GB/T 12706,(GB/T 18380-3 for ZR-YJV32, ZR-YJV72, only)

Other standards such as BS,DIN and ICEA upon request

Technical data

Rated voltage:3.6/6kV

Maximum Conductor Temperature:under normal (90°C),emergency (130°C)or short circuit no more than 5s (250°C)conditions.

Min.Ambient Temp.-15°C,Installation Temp.0°C

Min.Bending Radius:15 × cable O.D for single core

12 × cable O.D for multi core

Certificates

CE,RoHS,CCC,KEMAand more others at request

Specifications

Nom.Cross-section of conductor	Insulation Thickness	Inner Covering Thickness	Dia. Of Armor Wire	Sheath Thickness	Approx O.D.	Approx Weight	Max.D.C. Resistance of Conductor (20°C)	Test Voltage A.C	Current Rating	
mm²	mm	mm	mm	mm	mm	kg/km	Ω/km	kV/5min	In air(A)	In soil(A)
1×25	2.5	1.2	1.60	1.8	24.0	1396	0.7270	12.5	140	150
1×35	2.5	1.2	1.60	1.8	25.0	1550	0.5240	12.5	170	180
1×50	2.5	1.2	1.60	1.8	26.0	1754	0.3870	12.5	205	215
1×70	2.5	1.2	1.60	1.9	28.0	2054	0.2680	12.5	260	265
1×95	2.5	1.2	1.60	1.9	29.0	2367	0. 1930	12.5	315	315
1×120	2.5	1.2	1.60	2.0	31.0	2701	0. 1530	12.5	360	360
1×150	2.5	1.2	2.00	2.0	33.0	3301	0. 1240	12.5	410	405
1×185	2.5	1.2	2.00	2.1	35.0	3756	0.0991	12.5	470	455
1×240	2.6	1.2	2.00	2.2	38.0	4458	0.0754	12.5	555	530
1×300	2.8	1.2	2.00	2.3	40.0	5223	0.0601	12.5	640	595
1×400	3.0	1.3	2.50	2.4	45.0	6804	0.0470	12.5	745	680
1×500	3.2	1.3	2.50	2.5	50.0	8094	0.0366	12.5	885	765
3×25	2.5	1.2	2.00	2.3	44.0	3655	0.7270	12.5	120	125
3×35	2.5	1.3	2.50	2.4	47.0	4598	0.5240	12.5	140	155
3×50	2.5	1.3	2.50	2.5	50.0	5259	0.3870	12.5	165	180
3×70	2.5	1.4	2.50	2.7	54.0	6244	0.2680	12.5	210	220
3×95	2.5	1.5	2.50	2.8	57.0	7283	0. 1930	12.5	255	265
3×120	2.5	1.5	2.50	2.9	61.0	8317	0. 1530	12.5	290	300
3×150	2.5	1.6	2.50	3.0	64.0	9492	0. 1240	12.5	330	340
3×185	2.5	1.7	2.50	3.1	67.0	10901	0.0991	12.5	375	380
3×240	2.6	1.8	3. 15	3.4	74.0	14046	0.0754	12.5	435	435
3×300	2.8	1.9	3. 15	3.6	80.0	16533	0.0601	12.5	495	485

CU/XLPE/CTS/PVC/AWA/PVC(CU/XLPE/CTS/PVC/AWA/FR-PVC), 6/10KV

CU/XLPE/CTS/PVC/SWA/PVC(CU/XLPE/CTS/PVC/SWA/FR-PVC), 6/10KV

Cable Structure

- Conductor:Compact stranded copper conductor,Cl.2 as per IEC 60228
- Conductor Screen:Semi-conductor
- Insulation:XLPE(cross-linked polyethylene) rated at 90°C
- Insulation Screen:Semi-conductor
- Screen: Copper tape
- Inner covering: PVC
- Armoring: Aluminum wire-1 core
  Galvanized steel wire -3 cores
- Sheath:PVC or FR-PVC type ST2 to IEC 60502.black

Code Designation

YJ:XLPE insulation

V:PVC sheath

32:Galvanized steel wire armoring-3 cores

72:Aluminum wire armoring-1 core

ZR:Flame resistant

Applications

Wiring environment apply to shafts,water and soil,able to bear the larger positive pressure.

Standards

International:IEC 60502,IEC 60228,(IEC 60332-3for ZR-YJV32, ZR-YJV72, only)

China:GB/T 12706,(GB/T 18380-3 for ZR-YJV32, ZR-YJV72, only)

Other standards such as BS,DIN and ICEA upon request

Technical data

Rated voltage:6/10 kV

Maximum Conductor Temperature:under normal (90°C),emergency (130°C)or short circuit no more than 5s (250°C)conditions.

Min.Ambient Temp.-15°C,Installation Temp.0°C

Min.Bending Radius:15 × cable O.D for single core

12 × cable O.D for multi core

Certificates

CE,RoHS,CCC,KEMAand more others at request

Specifications

Nom.Cross-section of conductor	Insulation Thickness	Inner Covering Thickness	Dia. Of Armor Wire	Sheath Thickness	Approx O.D.	Approx Weight	Max.D.C. Resistance of Conductor (20 °C)	Test Voltage A.C	Current Rating	
mm²	mm	mm	mm	mm	mm	kg/km	Ω/km	kV/5min	In air(A)	In soil(A)
1×25	3.4	1.2	1.60	1.8	26.0	1531	0.727	21	140	150
1×35	3.4	1.2	1.60	1.8	27.0	1687	0.524	21	170	180
1×50	3.4	1.2	1.60	1.9	28.0	1907	0.387	21	205	215
1×70	3.4	1.2	1.60	1.9	30.0	2200	0.268	21	260	265
1×95	3.4	1.2	1.60	2	31.0	2531	0. 193	21	315	315
1×120	3.4	1.2	2.00	2	34.0	3103	0. 153	21	360	360
1×150	3.4	1.2	2.00	2.1	35.0	3488	0. 124	21	410	405
1×185	3.4	1.2	2.00	2.2	37.0	3950	0.0991	21	470	455
1×240	3.4	1.2	2.00	2.2	40.0	4623	0.0754	21	555	530
1×300	3.4	1.2	2.00	2.3	42.0	5351	0.0601	21	640	595
1×400	3.4	1.3	2.50	2.4	47.0	6901	0.047	21	745	680
1×500	3.4	1.3	2.50	2.5	51.0	8145	0.0366	21	885	765
3×25	3.4	1.3	2.50	2.5	49.0	4579	0.727	21	120	125
3×35	3.4	1.3	2.50	2.6	52.0	5095	0.524	21	140	155
3×50	3.4	1.4	2.50	2.7	54.0	5802	0.387	21	165	180
3×70	3.4	1.5	2.50	2.8	58.0	6788	0.268	21	210	220
3×95	3.4	1.5	2.50	2.9	62.0	7812	0. 193	21	255	265
3×120	3.4	1.6	2.50	3.1	65.0	8929	0. 153	21	290	300
3×150	3.4	1.7	2.50	3.2	68.0	10125	0. 124	21	330	340
3×185	3.4	1.7	3. 15	3.3	72.0	12403	0.0991	21	375	380
3×240	3.4	1.8	3. 15	3.5	78.0	14646	0.0754	21	435	435
3×300	3.4	1.9	3. 15	3.7	83.0	17014	0.0601	21	495	485

CU/XLPE/CTS/PVC/AWA/PVC(CU/XLPE/CTS/PVC/AWA/FR-PVC), 8.7/15KV

CU/XLPE/CTS/PVC/SWA/PVC(CU/XLPE/CTS/PVC/SWA/FR-PVC), 8.7/15KV

Cable Structure

- Conductor:Compact stranded copper conductor,Cl.2 as per IEC 60228
- Conductor Screen:Semi-conductor
- Insulation:XLPE(cross-linked polyethylene) rated at 90°C
- Insulation Screen:Semi-conductor
- Screen: Copper tape
- Inner covering: PVC
- Armoring: Aluminum wire-1 core
  Galvanized steel wire -3 cores
- Sheath:PVC or FR-PVC type ST2 to IEC 60502.black

Code Designation

YJ:XLPE insulation

V:PVC sheath

32:Galvanized steel wire armoring-3 cores

72:Aluminum wire armoring-1 core

ZR:Flame resistant

Applications

Wiring environment apply to shafts,water and soil,able to stand the larger positive pressure.

Standards

International:IEC 60502, IEC 60228, (IEC 60332-3for ZR-YJV32,ZR-YJV72, only)

China:GB/T 12706,(GB/T 18380-3 for ZR-YJV32, ZR-YJV72, only)

Other standards such as BS,DIN and ICEA upon request

Technical data

Rated voltage:8.7/15 kV

Maximum Conductor Temperature:under normal (90°C),emergency (130°C)or short circuit no more than 5s (250°C)conditions.

Min.Ambient Temp.-15°C,Installation Temp.0°C

Min.Bending Radius:15 × cable O.D for single core
12 × cable O.D for multi core

Certificates

CE,RoHS,CCC,KEMAand more others at request

Specifications

Nom.Cross-section of conductor	Insulation Thickness	Inner Covering Thickness	Dia. Of Armor Wire	Sheath Thickness	Approx O.D.	Approx Weight	Max.D.C. Resistance of Conductor (20 °C)	Test Voltage A.C	Current Rating	
mm²	mm	mm	mm	mm	mm	kg/km	Ω/km	kV/5min	In air(A)	In soil(A)
1×25	4.5	1.2	1.60	1.9	28	1714	0.727	30.5	140	150
1×35	4.5	1.2	1.60	1.9	29	1874	0.524	30.5	170	180
1×50	4.5	1.2	1.60	1.9	30	2086	0.387	30.5	205	215
1×70	4.5	1.2	2.00	2	33	2641	0.268	30.5	260	265
1×95	4.5	1.2	2.00	2. 1	35	2990	0.193	30.5	315	315
1×120	4.5	1.2	2.00	2. 1	36	3332	0.153	30.5	360	360
1×150	4.5	1.2	2.00	2.2	38	3723	0.124	30.5	410	405
1×185	4.5	1.2	2.00	2.2	40	4174	0.0991	30.5	470	455
1×240	4.5	1.2	2.00	2.3	42	4874	0.0754	30.5	555	530
1×300	4.5	1.3	2.50	2.4	45	6056	0.0601	30.5	640	595
1×400	4.5	1.3	2.50	2.5	49	7195	0.047	30.5	745	680
1×500	4.5	1.4	2.50	2.6	54	8485	0.0366	30.5	885	765
3×25	4.5	1.4	2.50	2.7	54	5224	0.727	30.5	120	125
3×35	4.5	1.5	2.50	2.8	57	5790	0.524	30.5	140	155
3×50	4.5	1.5	2.50	2.9	60	6485	0.387	30.5	165	180
3×70	4.5	1.6	2.50	3	64	7501	0.268	30.5	210	220
3×95	4.5	1.6	2.50	3.1	67	8548	0.193	30.5	255	265
3×120	4.5	1.7	2.50	3.2	70	9663	0.153	30.5	290	300
3×150	4.5	1.8	3.15	3.4	75	11811	0.124	30.5	330	340
3×185	4.5	1.8	3.15	3.5	78	13282	0.0991	30.5	375	380
3×240	4.5	1.9	3.15	3.7	84	15567	0.0754	30.5	435	435
3×300	4.5	2	3.15	3.8	88	17937	0.0601	30.5	495	485

CU/XLPE/CTS/PVC/AWA/PVC(CU/XLPE/CTS/PVC/AWA/FR-PVC), 12/20KV

CU/XLPE/CTS/PVC/SWA/PVC(CU/XLPE/CTS/PVC/SWA/FR-PVC), 12/20KV

Cable Structure

- Conductor:Compact stranded copper conductor,Cl.2 as per IEC 60228
- Conductor Screen:Semi-conductor
- Insulation:XLPE(cross-linked polyethylene) rated at 90℃
- Insulation Screen:Semi-conductor
- Screen: Copper tape
- Inner covering: PVC
- Armoring: Aluminum wire-1 core
  Galvanized steel wire -3 cores
- Sheath:PVC or FR-PVC type ST2 to IEC 60502.black

Code Designation

YJ:XLPE insulation

V:PVC sheath

32:Galvanized steel wire armoring-3 cores

72:Aluminum wire armoring-1 core

ZR:Flame resistant

Applications

Wiring environment apply to shafts,water and soil,able to stand the larger positive pressure.

Standards

International:IEC 60502,IEC 60228,(IEC 60332-3 for ZR-YJV32, ZR-YJV72, only)

China:GB/T 12706,(GB/T 18380-3 for ZR-YJV32 ,ZR-YJV72, only)

Other standards such as BS,DIN and ICEA upon request

Technical data

Rated voltage:12/20 kV

Maximum Conductor Temperature:under normal (90℃),emergency (130℃)or short circuit no more than 5s (250℃)conditions.

Min.Ambient Temp.-15℃,Installation Temp.0℃

Min.Bending Radius:15 × cable O.D for single core

12 × cable O.D for multi core

Certificates

CE,RoHS,CCC,KEMAand more others at request

Specifications

Nom.Cross-section of conductor	Insulation Thickness	Inner Covering Thickness	Dia. Of Armor Wire	Sheath Thickness	Approx O.D.	Approx Weight	Max.D.C. Resistance of Conductor (20℃)	Test Voltage A.C	Current Rating	
mm²	mm	mm	mm	mm	mm	kg/km	Ω/km	kV/5min	In air(A)	In soil(A)
1×35	5.5	1.2	1.60	2.0	31	2291	0.524	42	170	180
1×50	5.5	1.2	1.60	2.0	33	2515	0.387	42	205	215
1×70	5.5	1.2	2.00	2.1	35	2847	0.268	42	260	265
1×95	5.5	1.2	2.00	2.1	37	3186	0.193	42	315	315
1×120	5.5	1.2	2.00	2.2	39	3547	0.153	42	360	360
1×150	5.5	1.2	2.00	2.2	40	3928	0.124	42	410	405
1×185	5.5	1.2	2.00	2.3	42	4402	0.0991	42	470	455
1×240	5.5	1.3	2.50	2.4	45	5554	0.0754	42	555	530
1×300	5.5	1.3	2.50	2.5	47	6323	0.0601	42	640	595
1×400	5.5	1.4	2.50	2.6	52	7501	0.047	42	745	680
1×500	5.5	1.4	2.50	2.7	56	8776	0.0366	42	885	765
3×35	5.5	1.5	2.50	2.9	62	6374	0.524	42	140	155
3×50	5.5	1.6	2.50	3.0	64	7122	0.387	42	165	180
3×70	5.5	1.7	2.50	3.2	68	8190	0.268	42	210	220
3×95	5.5	1.7	2.50	3.3	71	9258	0.193	42	255	265
3×120	5.5	1.8	3.15	3.4	76	11311	0.153	42	290	300
3×150	5.5	1.9	3.15	3.5	80	12594	0.124	42	330	340
3×185	5.5	1.9	3.15	3.7	83	14125	0.0991	42	375	380
3×240	5.5	2.0	3.15	3.8	88	16412	0.0754	42	435	435
3×300	5.5	2.1	3.15	4.0	93	18855	0.0601	42	495	485

CU/XLPE/CTS/PVC/AWA/PVC(CU/XLPE/CTS/PVC/AWA/FR-PVC), 18/30KV

CU/XLPE/CTS/PVC/SWA/PVC(CU/XLPE/CTS/PVC/SWA/FR-PVC), 18/30KV

Cable Structure

- Conductor:Compact stranded copper conductor,Cl.2 as per IEC 60228
- Conductor Screen:Semi-conductor
- Insulation:XLPE(cross-linked polyethylene) rated at 90℃
- Insulation Screen:Semi-conductor
- Screen: Copper tape
- Inner covering: PVC
- Armoring: Aluminum wire-1 core
  Galvanized steel wire -3 cores
- Sheath:PVC or FR-PVC type ST2 to IEC 60502.black

Code Designation

YJ:XLPE insulation

V:PVC sheath

32:Galvanized steel wire armoring-3 cores

72:Aluminum wire armoring-1 core

ZR:Flame resistant

Applications

Wiring environment apply to shafts,water and soil,able to stand the larger positive pressure.

Standards

International:IEC 60502,IEC 60228,(IEC 60332-3for ZR-YJV32,ZR-YJV72,only)

China:GB/T 12706,(GB/T 18380-3 for ZR-YJV32,ZR-YJV72,only)

Other standards such as BS,DIN and ICEA upon request

Technical data

Rated voltage:18/30 kV

Maximum Conductor Temperature:under normal (90℃),emergency (130℃)or short circuit no more than 5s (250℃)conditions.

Min.Ambient Temp.-15℃,Installation Temp.0℃

Min.Bending Radius:15 × cable O.D for single core

12 × cable O.D for multi core

Certificates

CE,RoHS,CCC,KEMAand more others at request

Specifications

Nom.Cross-section of conductor	Insulation Thickness	Inner Covering Thickness	Dia. Of Armor Wire	Sheath Thickness	Approx O.D.	Approx Weight	Max.D.C. Resistance of Conductor (20℃)	Test Voltage A.C	Current Rating	
mm²	mm	mm	mm	mm	mm	kg/km	Ω/km	kV/5min	In air(A)	In soil(A)
1×50	8	1.2	2	2.2	40	2857	0.387	63	220	215
1×70	8	1.2	2	2.3	42	3166	0.268	63	270	265
1×95	8	1.2	2	2.3	43	3499	0.193	63	330	315
1×120	8	1.3	2.5	2.4	46	4264	0.153	63	375	360
1×150	8	1.4	2.5	2.5	48	4671	0.124	63	425	400
1×185	8	1.4	2.5	2.5	49	5121	0.0991	63	485	455
1×240	8	1.4	2.5	2.6	52	5780	0.0754	63	560	525
1×300	8	1.4	2.5	2.7	54	6482	0.0601	63	650	595
1×400	8	1.4	2.5	2.8	58	7657	0.047	63	760	680
1×500	8	1.6	2.5	2.9	61	8894	0.0366	63	875	775
3×50	8	1.8	3. 15	3.5	80	9376	0.387	63	185	200
3×70	8	1.8	3. 15	3.6	84	10426	0.268	63	230	250
3×95	8	1.8	3. 15	3.7	87	11475	0. 193	63	285	300
3×120	8	1.8	3. 15	3.8	90	12598	0. 153	63	310	380
3×150	8	1.8	3. 15	3.9	93	13855	0. 124	63	360	425
3×185	8	2	3. 15	4	96	15233	0.0991	63	400	490
3×240	8	2	3. 15	4.2	102	17481	0.0754	63	470	555
3×300	8	2	3. 15	4.4	107	19731	0.0601	63	540	625

CU/XLPE/CTS/PVC/AWA/PVC(CU/XLPE/CTS/PVC/AWA/FR-PVC), 21/35KV

CU/XLPE/CTS/PVC/SWA/PVC(CU/XLPE/CTS/PVC/SWA/FR-PVC), 21/35KV

Cable Structure

- Conductor:Compact stranded copper conductor,Cl.2 as per IEC 60228
- Conductor Screen:Semi-conductor
- Insulation:XLPE(cross-linked polyethylene) rated at 90℃
- Insulation Screen:Semi-conductor
- Screen: Copper tape
- Inner covering: PVC
- Armoring: Aluminum wire-1 core
  Galvanized steel wire -3 cores
- Sheath:PVC or FR-PVC type ST2 to IEC 60502.black

Code Designation

YJ:XLPE insulation

V:PVC sheath

32:Galvanized steel wire armoring-3 cores

72:Aluminum wire armoring-1 core

ZR:Flame resistant

Applications

Wiring environment apply to shafts,water and soil,able to stand the larger positive pressure.

Standards

International:IEC 60502,IEC 60228,(IEC 60332-3for ZR-YJV32,ZR-YJV72,only)

China:GB/T 12706,(GB/T 18380-3 for ZR-YJV32,ZR-YJV72,only)

Other standards such as BS,DIN and ICEA upon request

Technical data

Rated voltage:21/35 kV

Maximum Conductor Temperature:under normal (90℃),emergency (130℃)or short circuit no more than 5s (250℃)conditions.

Min.Ambient Temp.-15℃,Installation Temp.0℃

Min.Bending Radius:15 x cable O.D for single core
12 x cable O.D for multi core

Certificates

CE,RoHS,CCC,KEMAand more others at request

Specifications

Nom.Cross-section of conductor	Insulation Thickness	Inner Covering Thickness	Dia. Of Armor Wire	Sheath Thickness	Approx O.D.	Approx Weight	Max.D.C. Resistance of Conductor (20℃)	Test Voltage A.C	Current Rating	
mm²	mm	mm	mm	mm	mm	kg/km	Ω/km	kV/5min	In air(A)	In soil(A)
1×50	9.3	1.2	2	2.3	43	3329	0.387	73.5	220.0	215
1×70	9.3	1.2	2	2.4	46	3687	0.268	73.5	270.0	265
1×95	9.3	1.3	2.5	2.5	48	4510	0.193	73.5	330.0	315
1×120	9.3	1.3	2.5	2.5	50	4891	0.153	73.5	375.0	360
1×150	9.3	1.3	2.5	2.6	51	5323	0.124	73.5	425.0	400
1×185	9.3	1.4	2.5	2.6	53	5850	0.0991	73.5	485.0	455
1×240	9.3	1.4	2.5	2.7	55	6620	0.0754	73.5	560.0	525
1×300	9.3	1.5	2.5	2.8	56	7456	0.0601	73.5	650.0	595
1×400	9.3	1.5	2.5	2.9	61	8642	0.047	73.5	760.0	680
1×500	9.3	1.6	2.5	3	64	10006	0.0366	73.5	875.0	775
3×50	9.3	1.8	3.15	3.7	87	10642	0.387	73.5	185.0	200
3×70	9.3	1.8	3.15	3.8	90	11799	0.268	73.5	230.0	250
3×95	9.3	1.8	3.15	3.9	93	12984	0.193	73.5	285.0	300
3×120	9.3	1.8	3.15	4	97	14117	0.153	73.5	310.0	380
3×150	9.3	2	3.15	4.2	100	15585	0.124	73.5	360.0	425
3×185	9.3	2	3.15	4.3	104	17044	0.0991	73.5	400.0	490
3×240	9.3	2	3.15	4.4	109	19178	0.0754	73.5	470.0	555
3×300	9.3	2	3.15	4.6	113	21389	0.0601	73.5	540.0	625

CU/XLPE/CTS/PVC/AWA/PVC(CU/XLPE/CTS/PVC/AWA/FR-PVC), 26/35KV

CU/XLPE/CTS/PVC/SWA/PVC(CU/XLPE/CTS/PVC/SWA/FR-PVC), 26/35KV

Cable Structure

- Conductor:Compact stranded copper conductor,Cl.2 as per IEC 60228
- Conductor Screen:Semi-conductor
- Insulation:XLPE(cross-linked polyethylene) rated at 90℃
- Insulation Screen:Semi-conductor
- Screen: Copper tape
- Inner covering: PVC
- Armoring: Aluminum wire-1 core
  Galvanized steel wire -3 cores
- Sheath:PVC or FR-PVC type ST2 to IEC 60502.black

Code Designation

YJ:XLPE insulation

V:PVC sheath

32:Galvanized steel wire armoring-3 cores

72:Aluminum wire armoring-1 core

ZR:Flame resistant

Applications

Wiring environment apply to shafts,water and soil,able to stand the larger positive pressure.

Standards

International:IEC 60502,IEC 60228,(IEC 60332-3for ZR-YJV32,ZR-YJV72,only)

China:GB/T 12706,(GB/T 18380-3 for ZR-YJV32,ZR-YJV72,only)

Other standards such as BS,DIN and ICEA upon request

Technical data

Rated voltage:26/35 kV

Maximum Conductor Temperature:under normal (90℃),emergency (130℃)or short circuit no more than 5s (250℃)conditions.

Min.Ambient Temp.-15℃,Installation Temp.0℃

Min.Bending Radius:15 × cable O.D for single core

12 × cable O.D for multi core

Certificates

CE,RoHS,CCC,KEMAand more others at request

Specifications

Nom.Cross-section of conductor	Insulation Thickness	Inner Covering Thickness	Dia. Of Armor Wire	Sheath Thickness	Approx O.D.	Approx Weight	Max.D.C. Resistance of Conductor (20℃)	Test Voltage A.C	Current Rating	
mm²	mm	mm	mm	mm	mm	kg/km	Ω/km	kV/5min	In air(A)	In soil(A)
1×50	10.5	1.3	2.5	2.4	47	4049	0.387	91	220	215
1×70	10.5	1.3	2.5	2.5	49	4433	0.268	91	270	265
1×95	10.5	1.3	2.5	2.5	51	4809	0.193	91	330	315
1×120	10.5	1.4	2.5	2.6	52	5247	0.153	91	375	360
1×150	10.5	1.4	2.5	2.6	54	5663	0.124	91	425	400
1×185	10.5	1.4	2.5	2.7	55	6191	0.0991	91	485	455
1×240	10.5	1.5	2.5	2.8	58	7003	0.0754	91	560	525
1×300	10.5	1.5	2.5	2.9	60	7819	0.0601	91	650	595
1×400	10.5	1.6	2.5	3	64	9051	0.047	91	760	680
1×500	10.5	1.6	2.5	3.1	67	10398	0.0366	91	875	775
3×50	10.5	1.8	3.15	3.9	92	11660	0.387	91	185	200
3×70	10.5	1.8	3.15	4	96	12860	0.268	91	230	250
3×95	10.5	1.9	3.15	4.1	99	14036	0.193	91	285	300
3×120	10.5	2.0	3.15	4.2	103	15306	0.153	91	310	380
3×150	10.5	2.0	3.15	4.4	106	16662	0.124	91	360	425
3×185	10.5	2.0	3.15	4.5	109	18130	0.0991	91	400	490
3×240	10.5	2.0	3.15	4.6	114	20258	0.0754	91	470	555
3×300	10.5	2.0	3.15	4.8	119	22517	0.0601	91	540	625

CU/XLPE/PVC/STA/PVC(CU/XLPE/PVC/STA/FR-PVC),0.6/1KV

Cable Structure

- Conductor: Compact stranded copper conductor,Cl.2 as per IEC 60228
- Insulation: XLPE(cross-linked polyethylene) rated at 90°C
- Inner covering: PVC
- Armoring:Double stainless steel tape
- Sheath: PVC or FR-PVC type ST2 to IEC 60502,black

Code Designation

YJ: XLPE insulation

V: PVC sheath

62: Double stainless steel tape armoring

ZR: Flame resistant

Applications

Wiring environment apply to shafts,water and soil,able to stand the larger positive pressure.

Standards

International: IEC 60502, IEC 60228, IEC 60332

China: GB/T 12706. 1-2020

Other standards such as BS,DIN and ICEA upon request

Technical data

Rated voltage:0.6/1 kV

Maximum Conductor Temperature:under normal(90°C),emergency (130°C)or short circuit no more than 5s (250°C)conditions.

Min.Ambient Temp.-15°C,Installation Temp.0°C

Min.Bending Radius:15 × cable O.D for single core

Certificates

CE,RoHS,CCC,KEMA and more others at request

Specifications

Nom.Cross-section of conductor	Insulation Thickness	Inner Covering Thickness	Steel Tape Thickness	Sheath Thickness	Approx O.D.	Approx Weight	Max.D.C. Resistance of Conductor (20 °C)	Test Voltage A.C	Current Rating	
mm²	mm	mm	mm	mm	mm	kg/km	Ω/km	kV/5min	In air(A)	In soil(A)
1 ×25	0.9	1	2 ×0.2	1.8	14	442	0.727	3.5	120	155
1 ×35	0.9	1	2 ×0.2	1.8	15	547	0.524	3.5	150	185
1 ×50	1	1	2 ×0.2	1.8	17	688	0.387	3.5	180	220
1 ×70	1.1	1	2 ×0.2	1.8	18	895	0.268	3.5	230	270
1 ×95	1.1	1	2 ×0.2	1.8	20	1125	0.193	3.5	285	320
1 × 120	1.2	1	2 ×0.2	1.8	22	1358	0.153	3.5	335	365
1 × 150	1.4	1	2 ×0.2	1.8	23	1649	0.124	3.5	385	410
1 × 185	1.6	1	2 ×0.5	1.8	25	1984	0.0991	3.5	450	465
1 ×240	1.7	1	2 ×0.5	1.8	28	2489	0.0754	3.5	535	540
1 ×300	1.8	1	2 ×0.5	1.9	30	3036	0.0601	3.5	620	610
1 ×400	2	1.2	2 ×0.2	2.1	35	4230	0.047	3.5	720	695
1 ×500	2.2	1.2	2 ×0.2	2.2	39	5194	0.0366	3.5	835	780
1 ×630	2.4	1.2	2 ×0.2	2.4	45	6504	0.0283	3.5	960	880

LOW VOLTAGE XLPE INSULATED STEEL TAPE ARMORED MULTI-CORE POWER CABLE

CU/XLPE/PVC/STA/PVC(CU/XLPE/PVC/STA/FR-PVC),0.6/1KV

Cable Structure

- Conductor: Compact stranded copper conductor,Cl.2 as per IEC 60228
- Insulation: XLPE(cross-linked polyethylene) rated at 90°C
- Inner covering: PVC
- Armoring:Double stainless steel tape
- Sheath: PVC or FR-PVC type ST2 to IEC 60502,black

Code Designation

YJ: XLPE insulation

V: PVC sheath

62: Double stainless steel tape armoring

ZR: Flame resistant

Applications

Wiring environment apply to shafts,water and soil,able to stand the larger positive pressure.

Standards

International: IEC 60502, IEC 60228, IEC 60332

China: GB/T 12706. 1-2020

Other standards such as BS,DIN and ICEA upon request

Technical data

Rated voltage:0.6/1 kV

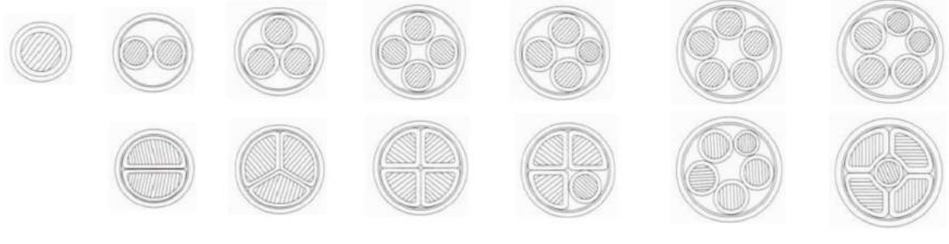
Maximum Conductor Temperature:under normal(90°C),emergency (130°C)or short circuit no more than 5s (250°C)conditions.

Min.Ambient Temp.-15°C,Installation Temp.0°C

Min.Bending Radius:15 × cable O.D for single core

Certificates

CE,RoHS,CCC,KEMA and more others at request



Specifications

Nom.Cross-section of conductor	Insulation Thickness	Inner Covering Thickness	Steel Tape Thickness	Sheath Thickness	Approx O.D.	Approx Weight	Max.D.C. Resistance of Conductor (20°C)	Test Voltage A.C	Current Rating	
mm²	mm	mm	mm	mm	mm	kg/km	Ω/km	kV/5min	In air(A)	In soil(A)
2 ×4	0.7	1.2	2 ×0.2	1.8	15	433	4.61	3.5	34	45
2 ×6	0.7	1.2	2 ×0.2	1.8	16	500	3.08	3.5	43	57
2 ×10	0.7	1.4	2 ×0.2	1.8	19	673	1.83	3.5	60	77
2 ×16	0.7	1.4	2 ×0.2	1.8	21	857	1.15	3.5	83	105
2 ×25	0.9	1.6	2 ×0.2	1.8	24	1173	0.727	3.5	105	125
2 ×35	0.9	1.6	2 ×0.2	1.8	26	1449	0.524	3.5	125	155
2 ×50	1	1.8	2 ×0.2	1.8	25	1877	0.387	3.5	160	185
2 ×70	1.1	1.8	2 ×0.2	1.8	27	2454	0.268	3.5	200	225
2 ×95	1.1	2	2 ×0.2	1.9	30	2483	0.193	3.5	245	270
2 ×120	1.2	2	2 ×0.2	2	33	4213	0.153	3.5	285	310
2 ×150	1.4	2	2 ×0.5	2.2	38	5087	0.124	3.5	325	345
3 ×1.5	0.7	1	2 ×0.2	1.5	13	273	12.1	3.5	20	27
3 ×2.5	0.7	1	2 ×0.2	1.5	14	321	7.41	3.5	26	35
3 ×4	0.7	1.2	2 ×0.2	1.5	15	390	4.61	3.5	34	45
3 ×6	0.7	1.2	2 ×0.2	1.5	16	471	3.08	3.5	43	57
3 ×10	0.7	1.4	2 ×0.2	1.5	18	622	1.83	3.5	60	77
3 ×16	0.7	1.4	2 ×0.2	2	22	1005	1.15	3.5	83	105
3 ×25	0.9	1.6	2 ×0.2	2	25	1371	0.727	3.5	105	125
3 ×35	0.9	1.6	2 ×0.2	2	27	1724	0.524	3.5	125	155
3 ×50	1	1.8	2 ×0.2	2	30	2247	0.387	3.5	160	185
3 ×70	1.1	1.8	2 ×0.2	2.5	35	3023	0.268	3.5	200	225
3 ×95	1.1	2	2 ×0.5	2.5	39	3825	0.193	3.5	245	270
3 ×120	1.2	2	2 ×0.5	2.5	42	4642	0.153	3.5	285	310
3 ×150	1.4	2	2 ×0.5	3	48	5767	0.124	3.5	325	345
3 ×185	1.6	2.2	2 ×0.5	3	51	6895	0.0991	3.5	375	390
3 ×240	1.7	2.2	2 ×0.5	3	56	8617	0.0754	3.5	440	450
3 ×300	1.8	2.2	2 ×0.5	3	59	10928	0.0601	3.5	505	515
3 ×400	2	2.2	2 ×0.5	3.2	61	13556	0.047	3.5	570	575
4 ×4	0.7	1	2 ×0.2	1.5	16	454	4.61	3.5	34	45
4 ×6	0.7	1	2 ×0.2	1.5	17	557	3.08	3.5	43	57
4 ×10	0.7	1	2 ×0.2	2	20	791	1.83	3.5	60	77
4 ×16	0.7	1	2 ×0.2	2	23	1210	1.15	3.5	83	105
4 ×25	0.9	1	2 ×0.2	2	27	1672	0.727	3.5	105	125
4 ×35	0.9	1	2 ×0.2	2	29	2127	0.524	3.5	125	155
4 ×50	1	1	2 ×0.2	2	33	2802	0.387	3.5	160	185
4 ×70	1.1	1.2	2 ×0.2	2.5	38	3785	0.268	3.5	200	225

LOW VOLTAGE XLPE INSULATED STEEL TAPE ARMORED MULTI-CORE POWER CABLE

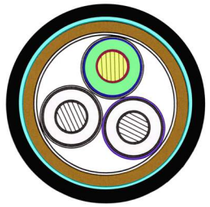
Specifications

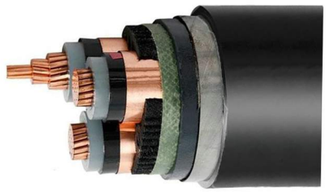
Nom.Cross-section of conductor	Insulation Thickness	Inner Covering Thickness	Steel Tape Thickness	Sheath Thickness	Approx O.D.	Approx Weight	Max.D.C. Resistance of Conductor (20℃)	Test Voltage A.C	Current Rating	
mm²	mm	mm	mm	mm	mm	kg/km	Ω/km	kV/5min	In air(A)	In soil(A)
4 ×95	1.1	1.2	2 ×0.5	2.5	42	4829	0.193	3.5	245	270
4 ×120	1.2	1.4	2 ×0.5	3	47	6033	0.153	3.5	285	310
4 ×150	1.4	1.4	2 ×0.5	3	52	7356	0.124	3.5	325	345
4 ×185	1.6	1.6	2 ×0.5	3	56	8808	0.0991	3.5	375	390
4 ×240	1.7	1.6	2 ×0.5	3	62	11182	0.0754	3.5	440	450
4 ×300	1.8	1.7	2 ×0.5	3.1	64	14176	0.0601	3.5	505	515
4 ×400	2	1.7	2 ×0.5	3.5	69	17815	0.047	3.5	570	575
5 ×4	0.7	1	2 ×0.2	1.5	18.1	588	4.61	3.5	34	45
5 ×6	0.7	1	2 ×0.2	1.5	19.4	720	3.08	3.5	43	57
5 ×10	0.7	1	2 ×0.2	2	22.9	1014	1.83	3.5	60	77
5×16	0.7	1	2 ×0.2	2	25.8	1392	1.15	3.5	83	105
5×25	0.9	1	2 ×0.2	2	30.5	2002	0.727	3.5	105	125
5×35	0.9	1	2 ×0.2	2	33.7	2581	0.524	3.5	125	155
5×50	1	1	2 ×0.5	2	38.6	3722	0.387	3.5	160	185
5×70	1.1	1.2	2 ×0.5	2.5	43.4	4897	0.268	3.5	200	225
5×95	1.1	1.2	2 ×0.5	2.5	48.6	6338	0.193	3.5	245	270
5×120	1.2	1.4	2 ×0.5	3	54.4	7851	0.153	3.5	285	310
5×150	1.4	1.4	2 ×0.5	3	60.1	9661	0.124	3.5	325	345
5×185	1.6	1.6	2 ×0.5	3	66.7	11770	0.0991	3.5	375	390
5×240	1.7	1.6	2 ×0.5	3	74.7	14900	0.0754	3.5	440	450
5×300	1.8	1.7	2 ×0.5	3.1	83.2	18000	0.0601	3.5	505	515
3×4+1×2.5	0.7	1	2 ×0.2	1.5	16	443	4.61	3.5	34	45
3×6+1×4	0.7	1	2 ×0.2	1.5	17	531	3.08	3.5	43	57
3×10+1×6	0.7	1	2 ×0.2	2	20	741	1.83	3.5	60	77
3×16+1×10	0.7	1	2 ×0.2	2	23	1135	1.15	3.5	83	105
3×25+1×16	0.9	1	2 ×0.2	2	26	1556	0.727	3.5	105	125
3×35+1×16	0.9	1	2 ×0.2	2	28	1896	0.524	3.5	125	155
3×50+1×25	1	1	2 ×0.2	2	31	2518	0.387	3.5	160	185
3×70+1×35	1.1	1.2	2 ×0.2	2.5	36	3293	0.268	3.5	200	225
3×95+1×50	1.1	1.2	2 ×0.5	2.5	40	4349	0.193	3.5	245	270
3×120+1×70	1.2	1.2	2 ×0.5	2.5	44	5365	0.153	3.5	285	310
3×150+1×70	1.4	1.4	2 ×0.5	3	49	6468	0.124	3.5	325	345
3×185+1×95	1.6	1.4	2 ×0.5	3	52	7854	0.0991	3.5	375	390
3×240+1×120	1.7	1.6	2 ×0.5	3.5	68	9814	0.0754	3.5	440	450
3×300+1×150	1.8	1.7	2 ×0.5	3.5	71	12781	0.0601	3.5	505	515
3×400+1×240	2	1.7	2 ×0.5	3.5	76	16359	0.047	3.5	570	575
3×4+2×2.5	0.7	1	2 ×0.2	1.5	17.5	855	4.61	3.5	34	45

Specifications

Nom.Cross-section of conductor	Insulation Thickness	Inner Covering Thickness	Steel Tape Thickness	Sheath Thickness	Approx O.D.	Approx Weight	Max.D.C. Resistance of Conductor (20℃)	Test Voltage A.C	Current Rating	
mm²	mm	mm	mm	mm	mm	kg/km	Ω/km	kV/5min	In air(A)	In soil(A)
3×6+2×4	0.7	1	2 ×0.2	1.5	18.9	1009	3.08	3.5	43	57
3×10+2×6	0.7	1	2 ×0.2	2	21.6	1461	1.83	3.5	60	77
3×16+2×10	0.7	1	2 ×0.2	2	24.6	1877	1.15	3.5	83	105
3×25+2×16	0.9	1	2 ×0.2	2	28.7	2583	0.727	3.5	105	125
3×35+2×16	0.9	1	2 ×0.2	2	30.7	3001	0.524	3.5	125	155
3×50+2×25	1	1	2 ×0.2	2	36.2	4392	0.387	3.5	160	185
3×70+2×35	1.1	1.2	2 ×0.2	2.5	40.3	5519	0.268	3.5	200	225
3×95+2×50	1.1	1.2	2 ×0.5	2.5	44.9	7543	0.193	3.5	245	270
3×120+2×70	1.2	1.2	2 ×0.5	2.5	50.3	9203	0.153	3.5	285	310
3×150+2×70	1.4	1.4	2 ×0.5	3	54	10485	0.124	3.5	325	345
3×185+2×95	1.6	1.4	2 ×0.5	3	60.2	13945	0.0991	3.5	375	390
3×240+2×120	1.7	1.6	2 ×0.5	3.5	67.2	15643	0.0754	3.5	440	450
3×300+2×150	1.8	1.7	2 ×0.5	3.5	75.2	18204	0.0601	3.5	505	515
4×4+1×2.5	0.7	1	2 ×0.2	1.5	18.4	565	4.61	3.5	34	45
4×6+1×4	0.7	1	2 ×0.2	1.5	19.8	692	3.08	3.5	43	57
4×10+1×6	0.7	1	2 ×0.2	2	22.8	953	1.83	3.5	60	77
4×16+1×10	0.7	1	2 ×0.2	2	25.8	1318	1.15	3.5	83	105
4×25+1×16	0.9	1	2 ×0.2	2	30.4	1877	0.727	3.5	105	125
4×35+1×16	0.9	1	2 ×0.2	2	34. 1	2324	0.524	3.5	125	155
4×50+1×25	1	1.0	2 ×0.2	2.0	38.7	3415	0.387	3.5	160	185
4×70+1×35	1.1	1.2	2 ×0.5	2.5	44.2	4432	0.268	3.5	200	225
4×95+1×50	1.1	1.2	2 ×0.5	2.5	49.8	5747	0.193	3.5	245	270
4×120+1×70	1.2	1.2	2 ×0.5	2.5	55.4	7112	0.153	3.5	285	310
4×150+1×70	1.4	1.4	2 ×0.5	3.0	60.1	8556	0.124	3.5	325	345
4×185+1×95	1.6	1.4	2 ×0.5	3.0	66.9	10510	0.0991	3.5	375	390
4×240+1×120	1.7	1.6	2 ×0.5	3.5	74.8	13232	0.0754	3.5	440	450
4×300+1×150	1.8	1.7	2 ×0.5	3.5	78.4	16452	0.0601	3.5	505	515

CU/XLPE/CTS/PVC/STA/PVC(CU/XLPE/CTS/PVC/STA/FR-PVC), 3.6/6KV





Cable Structure

- Conductor:Compact stranded copper conductor,Cl.2 as per IEC 60228
- Conductor Screen:Semi-conductor
- Insulation:XLPE(cross-linked polyethylene) rated at 90°C
- Insulation Screen:Semi-conductor
- Screen: Copper tape
- Inner covering: PVC
- Armoring: Double stainless steel tape - 1 core
  Double galvanized steel tape - 3 cores
- Sheath: PVC or FR-PVC type ST2 to IEC 60502.black

Code Designation

YJ:XLPE insulation

V:PVC sheath

22:Double galvanized steel wire armoring-3 cores

62:Double stainless steel tape armoring-1 core

ZR:Flame resistant

Applications

Wiring environment apply to shafts,water and soil,able to stand the larger positive pressure.

Standards

International: IEC 60502,IEC 60228,(IEC 60332-3 for ZR-YJV22, ZR-YJV62 only)

China: GB/T 12706, (GB/T 18380-3 for ZR-YJV22, ZR-YJV62 only)

Other standards such as BS,DIN and ICEA upon request

Technical data

Rated voltage:3.6/6 kV

Maximum Conductor Temperature:under normal (90°C), emergency (130°C) or short circuit no more than 5s (250°C) conditions.

Min.Ambient Temp.-15°C,Installation Temp.0°C

Min.Bending Radius:15×cable O.D for single core
12×cable O.D for multi core

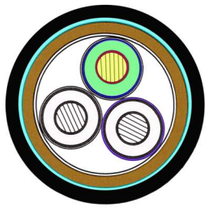
Certificates

CE,RoHS,CCC,KEMA and more others at request

Specifications

Nom.Cross-section of conductor	Insulation Thickness	Inner Covering Thickness	Steel Tape Thickness	Sheath Thickness	Approx O.D.	Approx Weight	Max.D.C. Resistance of Conductor (20 °C)	Test Voltage A.C	Current Rating	
mm²	mm	mm	mm	mm	mm	kg/km	Ω/km	kV/5min	In air(A)	In soil(A)
1×25	2.5	1.0	2 ×0.2	1.8	15.0	726	0.7270	12.5	140	150
1×35	2.5	1.0	2 ×0.2	1.8	16.0	845	0.5240	12.5	170	180
1×50	2.5	1.0	2 ×0.2	1.8	17.0	1000	0.3870	12.5	205	215
1×70	2.5	1.0	2 ×0.2	1.8	19.0	1221	0.2680	12.5	260	265
1×95	2.5	1.0	2 ×0.2	1.8	20.0	1468	0. 1930	12.5	315	315
1×120	2.5	1.0	2 ×0.2	1.8	21.0	1719	0. 1530	12.5	360	360
1×150	2.5	1.0	2 ×0.2	1.9	23.0	2022	0. 1240	12.5	410	405
1×185	2.5	1.0	2 ×0.2	1.9	24.0	2358	0.0991	12.5	470	455
1×240	2.6	1.2	2 ×0.5	2.1	27.0	3169	0.0754	12.5	555	530
1×300	2.8	1.2	2 ×0.5	2.1	29.0	3770	0.0601	12.5	640	595
1×400	3.0	1.2	2 ×0.5	2.3	33.0	4786	0.0470	12.5	745	680
1×500	3.2	1.2	2 ×0.5	2.4	37.0	5875	0.0366	12.5	885	765
3×25	2.5	1.2	2 ×0.5	2.3	41.0	2816	0.7270	12.5	120	125
3×35	2.5	1.3	2 ×0.5	2.3	43.0	3254	0.5240	12.5	140	155
3×50	2.5	1.3	2 ×0.5	2.4	47.0	3842	0.3870	12.5	165	180
3×70	2.5	1.4	2 ×0.5	2.6	50.0	4706	0.2680	12.5	210	220
3×95	2.5	1.5	2 ×0.5	2.7	53.0	5646	0. 1930	12.5	255	265
3×120	2.5	1.5	2 ×0.5	2.8	57.0	6580	0. 1530	12.5	290	300
3×150	2.5	1.6	2 ×0.5	2.9	60.0	7659	0. 1240	12.5	330	340
3×185	2.5	1.7	2 ×0.5	3.0	64.0	8946	0.0991	12.5	375	380
3×240	2.6	1.8	2 ×0.5	3.2	69.0	10972	0.0754	12.5	435	435
3×300	2.8	1.9	2 ×0.5	3.4	75.0	13194	0.0601	12.5	495	485
3×400	3.0	2.0	2 ×0.8	3.7	83.0	17489	0.0470	12.5	565	520

CU/XLPE/CTS/PVC/STA/PVC(CU/XLPE/CTS/PVC/STA/FR-PVC), 6/10 KV



Cable Structure

- Conductor:Compact stranded copper conductor,Cl.2 as per IEC 60228
- Conductor Screen:Semi-conductor
- Insulation:XLPE(cross-linked polyethylene) rated at 90℃
- Insulation Screen:Semi-conductor
- Screen: Copper tape
- Inner covering: PVC
- Armoring: Double stainless steel tape - 1 core
  Double galvanized steel tape - 3 cores
- Sheath: PVC or FR-PVC type ST2 to IEC 60502.black

Code Designation

YJ:XLPE insulation

V:PVC sheath

22:Double galvanized steel wire armoring-3 cores

62:Double stainless steel tape armoring-1 core

ZR:Flame resistant

Applications

Wiring environment apply to shafts,water and soil,able to stand the larger positive pressure.

Standards

International: IEC 60502,IEC 60228,(IEC 60332-3 for ZR-YJV22, ZR-YJV62 only)

China: GB/T 12706, (GB/T 18380-3 for ZR-YJV22, ZR-YJV62 only)

Other standards such as BS,DIN and ICEA upon request

Technical data

Rated voltage: 6/10 kV

Maximum Conductor Temperature:under normal (90℃), emergency (130℃) or short circuit no more than 5s (250℃) conditions.

Min.Ambient Temp.-15℃,Installation Temp.0℃

Min.Bending Radius: 15×cable O.D for single core
12×cable O.D for multi core

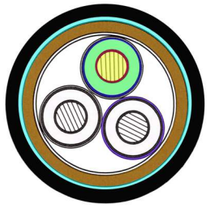
Certificates

CE,RoHS,CCC,KEMA and more others at request

Specifications

Nom.Cross-section of conductor	Insulation Thickness	Inner Covering Thickness	Steel Tape Thickness	Sheath Thickness	Approx O.D.	Approx Weight	Max.D.C. Resistance of Conductor (20℃)	Test Voltage A.C	Current Rating	
mm²	mm	mm	mm	mm	mm	kg/km	Ω/km	kV/5min	In air(A)	In soil(A)
1×25	3.4	1.0	2 ×0.2	1.8	16	808	0.727	21	140	150
1×35	3.4	1.0	2 ×0.2	1.8	17	930	0.524	21	170	180
1×50	3.4	1.0	2 ×0.2	1.8	19	1087	0.387	21	205	215
1×70	3.4	1.0	2 ×0.2	1.8	20	1314	0.268	21	260	265
1×95	3.4	1.0	2 ×0.2	1.9	22	1576	0.193	21	315	315
1×120	3.4	1.0	2 ×0.2	1.9	23	1831	0.153	21	360	360
1×150	3.4	1.0	2 ×0.2	1.9	24	2126	0.124	21	410	405
1×185	3.4	1.2	2 ×0.5	2.0	26	2723	0.0991	21	470	455
1×240	3.4	1.2	2 ×0.5	2.1	28	3284	0.0754	21	555	530
1×300	3.4	1.2	2 ×0.5	2.2	30	3877	0.0601	21	640	595
1×400	3.4	1.2	2 ×0.5	2.3	34	4889	0.047	21	745	680
1×500	3.4	1.4	2 ×0.5	2.5	38	5992	0.0366	21	885	765
3×25	3.4	1.6	2 ×0.5	2.5	46	3010	0.727	21	120	125
3×35	3.4	1.6	2 ×0.5	2.6	48	3498	0.524	21	140	155
3×50	3.4	1.8	2 ×0.5	2.6	51	4135	0.387	21	165	180
3×70	3.4	1.8	2 ×0.5	2.8	55	4958	0.268	21	210	220
3×95	3.4	2.0	2 ×0.5	2.9	58	5976	0.193	21	255	265
3×120	3.4	2.0	2 ×0.5	3.0	61	6969	0.153	21	290	300
3×150	3.4	2.0	2 ×0.5	3.1	64	8161	0.124	21	330	340
3×185	3.4	2.2	2 ×0.5	3.2	68	8417	0.0991	21	375	380
3×240	3.4	2.2	2 ×0.5	3.4	73	11340	0.0754	21	435	435
3×300	3.4	2.2	2 ×0.5	3.5	78	14247	0.0601	21	495	485
3×400	3.4	2.2	2 ×0.8	3.8	86	17510	0.047	21	565	520

CU/XLPE/CTS/PVC/STA/PVC(CU/XLPE/CTS/PVC/STA/FR-PVC), 8.7/15 KV



Cable Structure

- Conductor:Compact stranded copper conductor,Cl.2 as per IEC 60228
- Conductor Screen:Semi-conductor
- Insulation:XLPE(cross-linked polyethylene) rated at 90°C
- Insulation Screen:Semi-conductor
- Screen: Copper tape
- Inner covering: PVC
- Armoring: Double stainless steel tape - 1 core
  Double galvanized steel tape - 3 cores
- Sheath: PVC or FR-PVC type ST2 to IEC 60502.black

Code Designation

YJ:XLPE insulation

V:PVC sheath

22:Double galvanized steel wire armoring-3 cores

62:Double stainless steel tape armoring-1 core

ZR:Flame resistant

Applications

Wiring environment apply to shafts,water and soil,able to stand the larger positive pressure.

Standards

International: IEC 60502,IEC 60228,(IEC 60332-3 for ZR-YJV22, ZR-YJV62 only)

China: GB/T 12706, (GB/T 18380-3 for ZR-YJV22, ZR-YJV62 only)

Other standards such as BS,DIN and ICEA upon request

Technical data

Rated voltage: 8.7/15 kV

Maximum Conductor Temperature:under normal (90°C), emergency (130°C) or short circuit no more than 5s (250°C) conditions.

Min.Ambient Temp.-15°C,Installation Temp.0°C

Min.Bending Radius: 15×cable O.D for single core
12×cable O.D for multi core

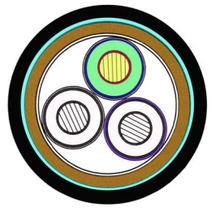
Certificates

CE,RoHS,CCC,KEMA and more others at request

Specifications

Nom.Cross-section of conductor	Insulation Thickness	Inner Covering Thickness	Steel Tape Thickness	Sheath Thickness	Approx O.D.	Approx Weight	Max.D.C. Resistance of Conductor (20°C)	Test Voltage A.C	Current Rating	
mm²	mm	mm	mm	mm	mm	kg/km	Ω/km	kV/5min	In air(A)	In soil(A)
1×25	4.5	1.0	2 ×0.2	1.9	19	915	0.727	30.5	140	150
1×35	4.5	1.0	2 ×0.2	1.9	20	1040	0.524	30.5	170	180
1×50	4.5	1.0	2 ×0.2	1.9	21	1201	0.387	30.5	205	215
1×70	4.5	1.0	2 ×0.2	2	23	1445	0.268	30.5	260	265
1×95	4.5	1.0	2 ×0.2	2	24	1700	0.193	30.5	315	315
1×120	4.5	1.2	2 ×0.2	2.1	25	2005	0.153	30.5	360	360
1×150	4.5	1.2	2 ×0.5	2.2	27	2538	0.124	30.5	410	405
1×185	4.5	1.2	2 ×0.5	2.2	28	2896	0.0991	30.5	470	455
1×240	4.5	1.2	2 ×0.5	2.3	30	3466	0.0754	30.5	555	530
1×300	4.5	1.2	2 ×0.5	2.4	32	4067	0.0601	30.5	640	595
1×400	4.5	1.4	2 ×0.5	2.5	36	5138	0.047	30.5	745	680
1×500	4.5	1.4	2 ×0.5	2.6	40	6194	0.0366	30.5	885	765
3×25	4.5	1.6	2 ×0.5	2.6	51	3500	0.727	30.5	120	125
3×35	4.5	1.6	2 ×0.5	2.7	53	3980	0.524	30.5	140	155
3×50	4.5	1.8	2 ×0.5	2.8	56	4679	0.387	30.5	165	180
3×70	4.5	1.8	2 ×0.5	3	58	5410	0.268	30.5	210	220
3×95	4.5	2.0	2 ×0.5	3.1	63	6567	0.193	30.5	255	265
3×120	4.5	2.0	2 ×0.5	3.2	66	7541	0.153	30.5	290	300
3×150	4.5	2.0	2 ×0.5	3.3	70	8674	0.124	30.5	330	340
3×185	4.5	2.2	2 ×0.5	3.4	73	9991	0.0991	30.5	375	380
3×240	4.5	2.2	2 ×0.8	3.6	79	11887	0.0754	30.5	435	435
3×300	4.5	2.2	2 ×0.8	3.7	83	14974	0.0601	30.5	495	485
3×400	4.5	2.2	2 ×0.8	4	92	18230	0.047	30.5	565	525

CU/XLPE/CTS/PVC/DSTA/PVC(CU/XLPE/CTS/PVC/DSTA/FR-PVC), 12/20 KV



Cable Structure

- Conductor:Compact stranded copper conductor,Cl.2 as per IEC 60228
- Conductor Screen:Semi-conductor
- Insulation:XLPE(cross-linked polyethylene) rated at 90°C
- Insulation Screen:Semi-conductor
- Screen: Copper tape
- Inner covering: PVC
- Armoring: Double stainless steel tape - 1 core
  Double galvanized steel tape - 3 cores
- Sheath: PVC or FR-PVC type ST2 to IEC 60502.black

Code Designation

YJ:XLPE insulation

V:PVC sheath

22:Double galvanized steel wire armoring-3 cores

62:Double stainless steel tape armoring-1 core

ZR:Flame resistant

Applications

Wiring environment apply to shafts,water and soil,able to stand the larger positive pressure.

Standards

International: IEC 60502,IEC 60228,(IEC 60332-3 for ZR-YJV22, ZR-YJV62 only)

China: GB/T 12706, (GB/T 18380-3 for ZR-YJV22, ZR-YJV62 only)

Other standards such as BS,DIN and ICEA upon request

Technical data

Rated voltage: 12/20 kV

Maximum Conductor Temperature:under normal (90°C), emergency (130°C) or short circuit no more than 5s (250°C) conditions.

Min.Ambient Temp.-15°C,Installation Temp.0°C

Min.Bending Radius: 15×cable O.D for single core
12×cable O.D for multi core

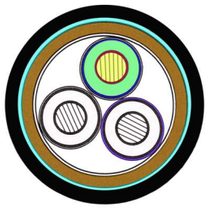
Certificates

CE,RoHS,CCC,KEMA and more others at request

Specifications

Nom.Cross-section of conductor	Insulation Thickness	Inner Covering Thickness	Steel Tape Thickness	Sheath Thickness	Approx O.D.	Approx Weight	Max.D.C. Resistance of Conductor (20°C)	Test Voltage A.C	Current Rating	
mm²	mm	mm	mm	mm	mm	kg/km	Ω/km	kV/5min	In air(A)	In soil(A)
1×35	5.5	1.0	2 ×0.2	1.9	22.0	1158	0.524	30.5	170	180
1×50	5.5	1.0	2 ×0.2	1.9	23.0	1323	0.387	30.5	205	215
1×70	5.5	1.0	2 ×0.2	2.0	25.0	1574	0.268	30.5	260	265
1×95	5.5	1.2	2 ×0.5	2.0	26.0	2076	0.193	30.5	315	315
1×120	5.5	1.2	2 ×0.5	2.1	27.0	2368	0.153	30.5	360	360
1×150	5.5	1.2	2 ×0.5	2.1	29.0	2684	0.124	30.5	410	405
1×185	5.5	1.2	2 ×0.5	2.3	30.0	3062	0.0991	30.5	470	455
1×240	5.5	1.2	2 ×0.5	2.4	32.0	3640	0.0754	30.5	555	530
1×300	5.5	1.2	2 ×0.5	2.4	34.0	4231	0.0601	30.5	640	595
1×400	5.5	1.4	2 ×0.5	2.6	38.0	5336	0.047	30.5	745	680
1×500	5.5	1.4	2 ×0.5	2.7	42.0	6405	0.0366	30.5	885	765
3×35	5.5	1.8	2 ×0.5	2.9	58.0	4840	0.524	30.5	140	155
3×50	5.5	1.8	2 ×0.5	3.0	61.0	5463	0.387	30.5	165	180
3×70	5.5	2.0	2 ×0.5	3.1	65.0	6446	0.268	30.5	210	220
3×95	5.5	2.0	2 ×0.5	3.2	68.0	7457	0.193	30.5	255	265
3×120	5.5	2.0	2 ×0.5	3.3	71.0	8459	0.153	30.5	290	300
3×150	5.5	2.2	2 ×0.5	3.4	75.0	10555	0.124	30.5	330	340
3×185	5.5	2.2	2 ×0.5	3.5	78.0	11925	0.0991	30.5	375	380
3×240	5.5	2.2	2 ×0.8	3.7	83.0	13959	0.0754	30.5	435	435
3×300	5.5	2.2	2 ×0.8	3.9	88.0	16314	0.0601	30.5	495	485
3×400	5.5	2.3	2 ×0.8	4.1	95.0	19032	0.047	30.5	565	520

CU/XLPE/CTS/PVC/STA/PVC(CU/XLPE/CTS/PVC/STA/FR-PVC), 18/30 KV



Cable Structure

- Conductor:Compact stranded copper conductor,Cl.2 as per IEC 60228
- Conductor Screen:Semi-conductor
- Insulation:XLPE(cross-linked polyethylene) rated at 90°C
- Insulation Screen:Semi-conductor
- Screen: Copper tape
- Inner covering: PVC
- Armoring: Double stainless steel tape - 1 core
  Double galvanized steel tape - 3 cores
- Sheath: PVC or FR-PVC type ST2 to IEC 60502.black

Code Designation

YJ:XLPE insulation

V:PVC sheath

22:Double galvanized steel wire armoring-3 cores

62:Double stainless steel tape armoring-1 core

ZR:Flame resistant

Applications

Wiring environment apply to shafts,water and soil,able to stand the larger positive pressure.

Standards

International: IEC 60502,IEC 60228,(IEC 60332-3 for ZR-YJV22, ZR-YJV62 only)

China: GB/T 12706, (GB/T 18380-3 for ZR-YJV22, ZR-YJV62 only)

Other standards such as BS,DIN and ICEA upon request

Technical data

Rated voltage: 18/30 kV

Maximum Conductor Temperature:under normal (90°C), emergency (130°C) or short circuit no more than 5s (250°C) conditions.

Min.Ambient Temp.-15°C,Installation Temp.0°C

Min.Bending Radius: 15×cable O.D for single core
12×cable O.D for multi core

Certificates

CE,RoHS,CCC,KEMA and more others at request

Specifications

Nom.Cross-section of conductor	Insulation Thickness	Inner Covering Thickness	Steel Tape Thickness	Sheath Thickness	Approx O.D.	Approx Weight	Max.D.C. Resistance of Conductor (20°C)	Test Voltage A.C	Current Rating	
mm²	mm	mm	mm	mm	mm	kg/km	Ω/km	kV/5min	In air(A)	In soil(A)
1×50	8.0	1.2	2 ×0.5	2.1	29.0	1988	0.387	30.5	210	215
1×70	8.0	1.2	2 ×0.5	2.2	30.0	2272	0.268	30.5	260	265
1×95	8.0	1.2	2 ×0.5	2.2	32.0	2573	0.193	30.5	320	315
1×120	8.0	1.4	2 ×0.5	2.3	33.0	2884	0.153	30.5	370	360
1×150	8.0	1.4	2 ×0.5	2.3	34.0	3256	0.124	30.5	420	405
1×185	8.0	1.4	2 ×0.5	2.4	36.0	3635	0.0991	30.5	480	455
1×240	8.0	1.4	2 ×0.5	2.5	38.0	4240	0.0754	30.5	565	530
1×300	8.0	1.4	2 ×0.5	2.5	40.0	4874	0.0601	30.5	650	595
1×400	8.0	1.4	2 ×0.5	2.7	44.0	5934	0.047	30.5	755	680
1×500	8.0	1.6	2 ×0.5	2.8	47.0	7045	0.0366	30.5	865	765
3×50	8.0	1.8	2 ×0.5	3.3	75.0	7200	0.387	30.5	165	180
3×70	8.0	1.8	2 ×0.5	3.5	78.0	8230	0.268	30.5	210	220
3×95	8.0	1.8	2 ×0.8	3.6	81.0	9410	0.193	30.5	255	265
3×120	8.0	1.8	2 ×0.8	3.7	85.0	11120	0.153	30.5	290	300
3×150	8.0	1.8	2 ×0.8	3.8	88.0	12400	0.124	30.5	330	340
3×185	8.0	1.8	2 ×0.8	4	91.0	13910	0.0991	30.5	375	380
3×240	8.0	2.0	2 ×0.8	4.1	97.0	16080	0.0754	30.5	435	435
3×300	8.0	2.0	2 ×0.8	4.3	101.0	18500	0.0601	30.5	495	485
3×400	8.0	2.0	2 ×0.8	4.5	109.0	21920	0.047	30.5	565	520

CU/XLPE/CTS/PVC/STA/PVC(CU/XLPE/CTS/PVC/STA/FR-PVC), 21/35 KV

Cable Structure

- Conductor:Compact stranded copper conductor,Cl.2 as per IEC 60228
- Conductor Screen:Semi-conductor
- Insulation:XLPE(cross-linked polyethylene) rated at 90°C
- Insulation Screen:Semi-conductor
- Screen: Copper tape
- Inner covering: PVC
- Armoring: Double stainless steel tape - 1 core
  Double galvanized steel tape - 3 cores
- Sheath: PVC or FR-PVC type ST2 to IEC 60502.black

Code Designation

YJ:XLPE insulation

V:PVC sheath

22:Double galvanized steel wire armoring-3 cores

62:Double stainless steel tape armoring-1 core

ZR:Flame resistant

Applications

Wiring environment apply to shafts,water and soil,able to stand the larger positive pressure.

Standards

International: IEC 60502,IEC 60228,(IEC 60332-3 for ZR-YJV22, ZR-YJV62 only)

China: GB/T 12706, (GB/T 18380-3 for ZR-YJV22, ZR-YJV62 only)

Other standards such as BS,DIN and ICEA upon request

Technical data

Rated voltage: 21/35 kV

Maximum Conductor Temperature:under normal (90°C), emergency (130°C) or short circuit no more than 5s (250°C) conditions.

Min.Ambient Temp.-15°C,Installation Temp.0°C

Min.Bending Radius: 15×cable O.D for single core
12×cable O.D for multi core

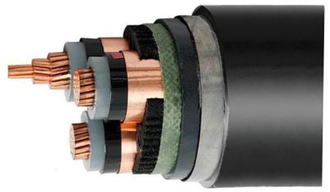
Certificates

CE,RoHS,CCC,KEMA and more others at request

Specifications

Nom.Cross-section of conductor	Insulation Thickness	Inner Covering Thickness	Steel Tape Thickness	Sheath Thickness	Approx O.D.	Approx Weight	Max.D.C. Resistance of Conductor (20°C)	Test Voltage A.C	Current Rating	
mm²	mm	mm	mm	mm	mm	kg/km	Ω/km	kV/5min	In air(A)	In soil(A)
1×50	9.3	1.2	2 ×0.5	2.2	32.0	2229	0.387	73.5	220	215
1×70	9.3	1.2	2 ×0.5	2.3	33.0	2523	0.268	73.5	270	265
1×95	9.3	1.3	2 ×0.5	2.4	35.0	2853	0.193	73.5	330	315
1×120	9.3	1.4	2 ×0.5	2.4	36.0	3172	0.153	73.5	375	360
1×150	9.3	1.4	2 ×0.5	2.5	37.0	3531	0.124	73.5	425	400
1×185	9.3	1.4	2 ×0.5	2.5	39.0	3916	0.0991	73.5	485	455
1×240	9.3	1.4	2 ×0.5	2.6	41.0	4533	0.0754	73.5	560	525
1×300	9.3	1.4	2 ×0.5	2.7	43.0	5177	0.0601	73.5	650	595
1×400	9.3	1.6	2 ×0.5	2.8	46.0	6285	0.047	73.5	760	680
1×500	9.3	1.6	2 ×0.5	2.9	50.0	7351	0.0366	73.5	875	775
3×50	9.3	1.8	2 ×0.8	3.6	82.0	8376	0.387	73.5	185	200
3×70	9.3	1.8	2 ×0.8	3.7	85.0	9442	0.268	73.5	230	250
3×95	9.3	1.8	2 ×0.8	3.8	88.0	10573	0.193	73.5	280	300
3×120	9.3	1.8	2 ×0.8	3.9	92.0	11690	0.153	73.5	310	330
3×150	9.3	2.0	2 ×0.8	4.0	95.0	12957	0.124	73.5	360	380
3×185	9.3	2.0	2 ×0.8	4.1	99.0	14423	0.0991	73.5	400	425
3×240	9.3	2.0	2 ×0.8	4.3	104.0	16717	0.0754	73.5	470	490
3×300	9.3	2.0	2 ×0.8	4.4	108.0	18856	0.0601	73.5	540	555
3×400	9.3	2.0	2 ×0.8	4.7	116.0	20995	0.047	73.5	610	625

CU/XLPE/CTS/PVC/STA/PVC(CU/XLPE/CTS/PVC/STA/FR-PVC), 26/35 KV



Cable Structure

- Conductor:Compact stranded copper conductor,Cl.2 as per IEC 60228
- Conductor Screen:Semi-conductor
- Insulation:XLPE(cross-linked polyethylene) rated at 90°C
- Insulation Screen:Semi-conductor
- Screen: Copper tape
- Inner covering: PVC
- Armoring: Double stainless steel tape - 1 core
  Double galvanized steel tape - 3 cores
- Sheath: PVC or FR-PVC type ST2 to IEC 60502.black

Code Designation

YJ:XLPE insulation

V:PVC sheath

22:Double galvanized steel wire armoring-3 cores

62:Double stainless steel tape armoring-1 core

ZR:Flame resistant

Applications

Wiring environment apply to shafts,water and soil,able to stand the larger positive pressure.

Standards

International: IEC 60502,IEC 60228,(IEC 60332-3 for ZR-YJV22, ZR-YJV62 only)

China: GB/T 12706, (GB/T 18380-3 for ZR-YJV22, ZR-YJV62 only)

Other standards such as BS,DIN and ICEA upon request

Technical data

Rated voltage: 26/35 kV

Maximum Conductor Temperature:under normal (90°C), emergency (130°C) or short circuit no more than 5s (250°C) conditions.

Min.Ambient Temp.-15°C,Installation Temp.0°C

Min.Bending Radius: 15×cable O.D for single core
12×cable O.D for multi core

Certificates

CE,RoHS,CCC,KEMA and more others at request

Specifications

Nom.Cross-section of conductor	Insulation Thickness	Inner Covering Thickness	Steel Tape Thickness	Sheath Thickness	Approx O.D.	Approx Weight	Max.D.C. Resistance of Conductor (20°C)	Test Voltage A.C	Current Rating	
mm²	mm	mm	mm	mm	mm	kg/km	Ω/km	kV/5min	In air(A)	In soil(A)
1 ×50	10.5	1.2	2 ×0.5	2.3	34.0	2441	0.387	91	220	215
1 ×70	10.5	1.4	2 ×0.5	2.4	36.0	2788	0.268	91	270	265
1 ×95	10.5	1.4	2 ×0.5	2.4	37.0	3083	0.193	91	330	315
1 × 120	10.5	1.4	2 ×0.5	2.5	38.0	3407	0.153	91	375	360
1 × 150	10.5	1.4	2 ×0.5	2.5	40.0	3750	0.124	91	425	400
1 × 185	10.5	1.4	2 ×0.5	2.6	41.0	4163	0.0991	91	485	455
1 ×240	10.5	1.4	2 ×0.5	2.7	44.0	4790	0.0754	91	560	525
1 ×300	10.5	1.6	2 ×0.5	2.8	46.0	5498	0.0601	91	650	595
1 ×400	10.5	1.6	2 ×0.5	2.9	49.0	6568	0.047	91	760	680
1 ×500	10.5	1.6	2 ×0.5	3.0	52.0	7648	0.0366	91	875	775
3 ×50	10.5	2.0	2 ×0.8	3.7	87.0	9975	0.387	91	185	200
3 ×70	10.5	2.0	2 ×0.8	3.9	90.0	10927	0.268	91	230	250
3 ×95	10.5	2.1	2 ×0.8	4.0	95.0	12190	0.193	91	280	300
3 × 120	10.5	2.2	2 ×0.8	4.1	99.0	13451	0.153	91	310	330
3 × 150	10.5	2.2	2 ×0.8	4.2	100.0	14907	0.124	91	360	380
3 × 185	10.5	2.3	2 ×0.8	4.3	106.0	16501	0.0991	91	400	425
3 ×240	10.5	2.4	2 ×0.8	4.5	112.0	18826	0.0754	91	470	490
3 ×300	10.5	2.6	2 ×0.8	4.6	115.0	19114	0.0601	91	545	555
3 ×400	10.5	2.6	2 ×0.8	4.9	123.0	22818	0.047	91	635	625