

YJV22 ZR-YJV22 Power Cable

Low Voltage XLPE Insulated Steel Tape Armored Multi-Core Power Cable

Type: YJV22 0.6/1kV CU/XLPE/PVC/STA/PVC 22

ZR-YJV22 0.6/1kV CU/XLPE/PVC/STA/FR-PVC

Construction:

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 tape
Sheath	PVC or FR-PVC type ST2 to IEC 60502, black

Code Designation

YJ	XLPE insulation
V	PVC sheath
22	Galvanized steel tape armoring
ZR	Flame resistant
Sheath	PVC or FR-PVC type ST2 to IEC 60502, black

Applications

Apply to shafts, water and soil, able to bear the larger positive pressure.

Standards

International	IEC 60502, IEC 60228, IEC 60332
China	GB/ T 12706. 1- 2008
Other standards such as E	

Technical data

Rated voltage	0.6 / 1 kV
Maximum Conductor Ten	under normal (90°C), emergency (130°C) or short circuit no more than 5 s (250°C) conditions.
Min. Ambient Temp	-15°C, Installation Temp. 0°C
Min. Bending Radius	12 x cable O.D for multi core

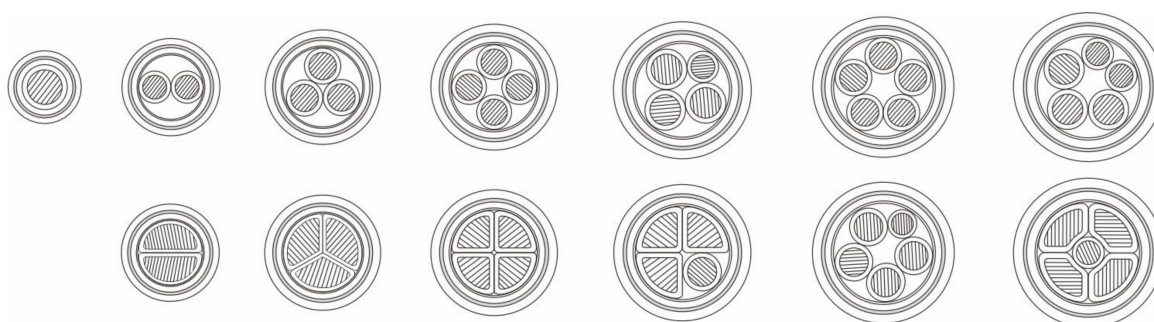
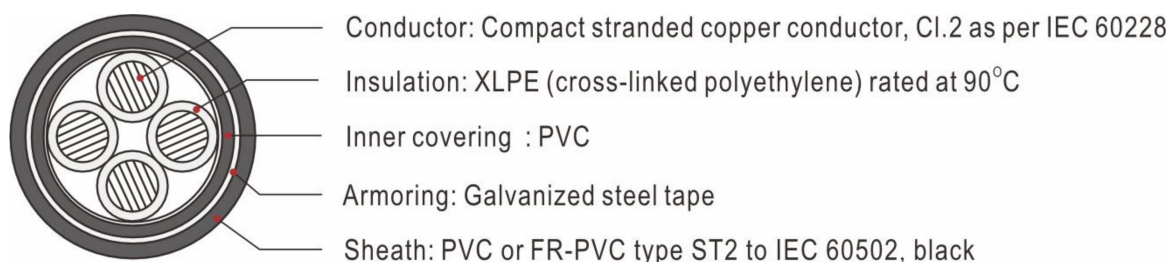
Certificates

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



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Structure



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	
mm ²	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	24.0	1173	0.727	3.5	105	125
2×35	0.9	1.6	2×0.2	1.8	26.0	1449	0.524	3.5	125	155
2×50	0.90.9	1.8	2×0.2	1.8	25	1877	0.387	3.5	160	185
2×70	0.90.9	1.8	2×0.2	1.8	27	2454	0.268	3.5	200	225
2×95	0.90.9	2	2×0.2	1.9	30	2483	0.193	3.5	245	270
2×120	0.90.9	2	2×0.2	2	33	4213	0.153	3.5	285	310
2×150	0.90.9	2	2×0.5	2.2	38	5087	0.124	3.5	325	345
3×1.5	0.90.9	1	2×0.2	1.5	13	273	12.1	3.5	20	27
3×2.5	0.90.9	1	2×0.2	1.5	14	321	7.41	3.5	26	35
3×4	0.90.9	1.2	2×0.2	1.5	15	390	4.61	3.5	34	45
3×6	0.90.9	1.2	2×0.2	1.5	16	471	3.08	3.5	43	57
3×10	0.90.9	1.4	2×0.2	1.5	18	622	1.83	3.5	60	77
3×16	0.90.9	1.4	2×0.2	2	22	1005	1.15	3.5	83	105

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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	
3×25	0.90.9	1.6	2×0.2	2	25	1371	0.727	3.5	105	125
3×35	0.90.9	1.6	2×0.2	2	27	1724	0.524	3.5	125	155
3×50	0.90.9	1.8	2×0.2	2	30	2247	0.387	3.5	160	185
3×70	0.90.9	1.8	2×0.2	2.5	35	3023	0.268	3.5	200	225
3×95	0.90.9	2	2×0.5	2.5	39	3825	0.193	3.5	245	270
3×120	0.90.9	2	2×0.5	2.5	42	4642	0.153	3.5	285	310
3×150	0.90.9	2	2×0.5	3	48	5767	0.124	3.5	325	345
3×185	0.90.9	2.2	2×0.5	3	51	6895	0.0991	3.5	375	390
3×240	0.90.9	2.2	2×0.5	3	56	8617	0.0754	3.5	440	450
3×300	0.90.9	2.2	2×0.5	3	59	10928	0.0601	3.5	505	515
3×400	0.90.9	2.2	2×0.5	3.2	61	13556	0.047	3.5	570	575
4×4	0.90.9	1	2×0.2	1.5	16	454	4.61	3.5	34	45
4×6	0.90.9	1	2×0.2	1.5	17	557	3.08	3.5	43	57
4×10	0.90.9	1	2×0.2	2	20	791	1.83	3.5	60	77
4×16	0.90.9	1	2×0.2	2	23	1210	1.15	3.5	83	105
4×25	0.90.9	1	2×0.2	2	27	1672	0.727	3.5	105	125
4×35	0.90.9	1	2×0.2	2	29	2127	0.524	3.5	125	155
4×50	0.90.9	1	2×0.2	2	33	2802	0.387	3.5	160	185
4×70	0.90.9	1.2	2×0.2	2.5	38	3785	0.268	3.5	200	225
4×95	0.90.9	1.2	2×0.5	2.5	42	4829	0.193	3.5	245	270
4×120	0.90.9	1.4	2×0.5	3	47	6033	0.153	3.5	285	310
4×150	0.90.9	1.4	2×0.5	3	52	7356	0.124	3.5	325	345
4×185	0.90.9	1.6	2×0.5	3	56	8808	0.0991	3.5	375	390
4×240	0.90.9	1.6	2×0.5	3	62	11182	0.0754	3.5	440	450
4×300	0.90.9	1.7	2×0.5	3.1	64	14176	0.0601	3.5	505	515
4×400	0.90.9	1.7	2×0.5	3.5	69	17815	0.047	3.5	570	575
5×4	0.90.9	1	2×0.2	1.5	18.1	588	4.61	3.5	34	45
5×6	0.90.9	1	2×0.2	1.5	19.4	720	3.08	3.5	43	57
5×10	0.90.9	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

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Specifications

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+1×50	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
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+2×50	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

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Specifications

4×50+1×25	1	1	2×0.2	2	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	60.1	8556	0.124	3.5	325	345
4×185+1×95	1.6	1.4	2×0.5	3	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