YJV62
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℃

Inner covering: PVC

Armoring:

Double stainless steel tape

Sheath:

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

APPLICATION:

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

CODE DESIGNATION:

YJ: XLPE insulation

V: PVC sheath

62: Double stainless steel tape armoring

ZR: Flame resistant

CERTIFICATES:

We hold SAA, CE, TUV and CCC certifications for our product categories. Additionally, we possess other authoritative certifications recognized in various countries and regions. For further details on our certification portfolio, please do not hesitate to contact us.

TECHNICAL DATA:

Rated voltage:

0.6/1 kV

Maximum Conductor Temperature:

under normal(90°C),emergency (130C)

or short circuit no more than 5s (250°C)conditions.

Min.Ambient Temp.:

-15°C,

Installation Temp.:

0°C

Min.Bending Radius:

15 x cable O.D for single core

STANDARDS:

International:

IEC 60502,IEC 60228,IEC 60332

European standard:

BS 5467, IEC/EN 60502-1, IEC/EN 60228,

Flame Retardant according to IEC/EN 60332-1-2

China standard:

GB/T 12706.1-2020

Other standards

such as BS, DIN and ICEA upon request

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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℃)	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