MYJV22 0.6/1 kV Coal Mine Used XLPE Insulated Steel Tape Armored PVC Sheathed Power Cable

CABLE STRUCTURE:

Conductor:
Copper

Insulation:
XLPE

Inner sheath:
PVC

Armor layer:
Steel tape armoring

outer sheath:
PVC

SPECIFICATION RANGE:

Wire Core:
2.5 - 300 mm²

STANDARD:
MT 818.13-2009

APPLICATION:
Suitable for fixed installation in power distribution networks with rated voltage of 10 kV or less, or in industrial installations.

CERTIFICATES:
Our series of mining products have undergone strict review by the National Coal Mine Safety Supervision Bureau and have obtained the Coal Mine Safety Mark Certification (MA Certification), providing a reliable guarantee for coal mine safety production.

TECHNICAL DATA:

Rated voltage:(U_0/U)
0.6/1 kV

Temperature classification:
The cable conductor is permitted to have a maximum long-term operating temperature not exceeding 90°C. During a short circuit (with the maximum duration not exceeding 5 seconds), the maximum temperature of the cable conductor does not exceed 250°C. When laying the cables on the ground, the ambient temperature during the laying process should not be lower than 0°C.

Min.Bending Radius:
3 core : 12(D+d)±5%

Finished product voltage test:
Wire core: 3.5kV / 5 minutes

Installation scenario:
It can be used in indoor environments, tunnels, cable trenches, or underground direct burial, in damp environments and areas with high groundwater levels. It can withstand certain mechanical external forces and certain tensile forces. Indoor, tunnels, cable trenches, shafts or underground direct burial, etc., can withstand mechanical external forces and certain tensile forces.

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Specifications

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Nominal cross-section	Insulation nominal thickness	Nominal thickness of the steel strip	Nominal thickness of the sheath	Outer diameter of the cable	Cable weight	Maximum direct current resistance of the conductor at 20℃	25℃ cable current carrying capacity	
mm2	mm	mm	mm	mm	km/kg	Ω/km	in ground(A)	in air(A)
3×2.5	0.7	—	1.8	13.1	254.9	7.41	35	26
3×4	0.7	0.2	1.8	14	316.5	4.61	45	34
3×6	0.7	0.2	1.8	15.2	397.2	3.08	57	43
3×10	0.7	0.2	1.8	17.9	560.9	1.83	77	60
3×16	0.7	0.2	1.8	20.2	773.3	1.15	105	83
3×25	0.9	0.2	1.8	23.9	1130	0.727	125	105
3×35	0.9	0.2	1.8	26.4	1458	0.524	155	125
3×50	1	0.5	1.8	29.7	1893	0.387	185	160
3×70	1.1	0.5	2	36.2	2967	0.268	225	200
3×95	1.1	0.5	2	40.5	3872	0.193	270	245
3×120	1.2	0.5	2.1	44.6	4753	0.153	310	285
3×150	1.4	0.5	2.3	49.2	5762	0.124	345	325
3×185	1.6	0.5	2.4	54.3	7051	0.0991	390	375
3×240	1.7	0.5	2.6	60.8	9006	0.0754	450	440
3×300	1.8	0.5	2.7	66.8	11067	0.0601	515	505