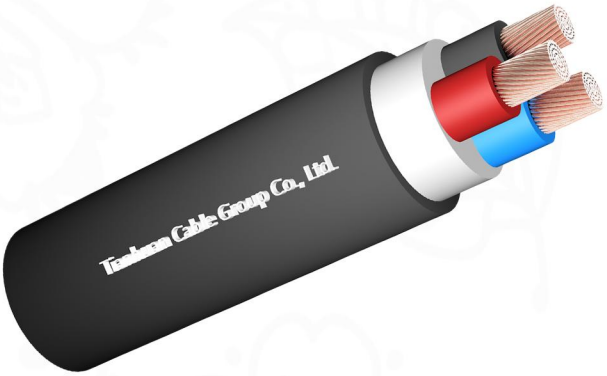

MYQ 0.3/0.5kV Mobile Lightweight Rubber-sheathed Flexible Cable for Coal Mines

CABLE STRUCTURE:

Conductor:

Class 5 copper

Insulation :

wire core:

Triblock ethylene propylene diene monomer rubber (XJ-30)

Sheath:

Chlorinated polyethylene or a mixture of other comparable materials (XH-03)

SPECIFICATION RANGE:

Wire Core :

1.0 - 2.5 mm^2

STANDARD:

MT 818.9-2009

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:

0.3/0.5 kV

The maximum system voltage :(U_m)

1.1 times U

Temperature classification:

Maximum operating temperature of the conductor:

+75°C

Operating environment temperature:

-20°C to +45°C

Cable laying temperature: Not lower than 0°C (When the ambient temperature is below 0°C, the cable should be preheated.)

Min.Bending Radius:

6 × cable O.D

Finished product voltage test:

Power wire core: 2.0 kV / 5 minutes

Installation method:

Underground or on the surface

APPLICATION:

Suitable for power connections of lighting in underground mine tunnels, conveyor interlock and control, and signal equipment with a rated voltage not exceeding 0.3/0.5kV.

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MYQ 0.3/0.5kV Mobile Light Weight Rubber-Sheathed Flexible Cable for Coal Mines

Specifications

MYQ 0.3/0.5kV

Nom.Crosssection of conductor	Diameter of the power core conductor	Nominal thickness of the insulation for the power core wire	Nominal thickness of the sheath	Outer diameter of the cable	Total weight of the cable
N × mm2	mm	mm	mm	mm	kg/km
2 × 1	1.3	0.6	1.5	8.8	81.5
2 × 1.5	1.57	0.8	1.5	10.2	114.4
2 × 2.5	2.02	1.0	1.5	11.9	166.9
3 × 1	1.3	0.6	1.5	9.2	96.8
3 × 1.5	1.57	0.8	1.5	10.7	138.2
3 × 2.5	2.0	1.0	1.5	12.6	205.4
4 × 1	1.3	0.6	1.5	9.9	108.2
4 × 1.5	1.57	0.8	1.5	11.6	155.8
4 × 2.5	2.02	1.0	2.0	14.7	254.8
7 × 1	1.3	0.6	1.5	11.5	155.2
7 × 1.5	1.57	0.8	2.0	14.6	247.7
7 × 2.5	2.02	1.0	2.0	17.2	373.4
12 × 13	1.3	0.6	2.0	15.6	256.3
12 × 14	1.57	0.8	2.5	19.5	400.6
12 × 15	2.02	1.0	2.5	23.1	609.4

Power Core Crosssection of conductor	Current carrying capacity	Maximum direct current resistance of the conductor at 20℃	Minimum insulation resistance at 20℃
mm2	A	Ω/km	MΩ · km
1.0	14	19.5	650
1.5	18	13.3	650
2.5	28	7.98	650