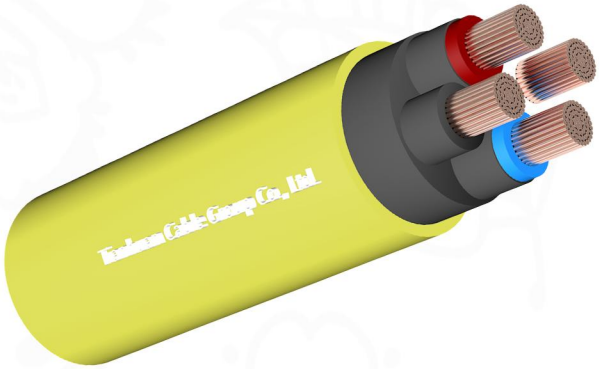

MYP 0.66/1.14kV Mobile Shielding Rubber Flexible Cable for Coal Mines

CABLE STRUCTURE:

Conductor:

Class 5 copper

Insulation:

Power Core: EPDM Rubber (XJ-30)

Ground Core: Insulation Rubber

Filler : (optional)

Rubber strips or glass fiber ropes

Sheath:

Mixed material of chlorinated polyethylene or equivalent (XH-03)

SPECIFICATION RANGE:

3 Core Power Main Core:

10 - 150 mm²

1 Core Ground Wire Core:

Refer to the structural parameter table

STANDARD:

MT 818.5-2009

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:

0.66/1.14 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: 3.7 kV / 5 minutes

Installation method:

The laying of underground cables in coal mines is divided into methods such as in level tunnels or those below 45 °C, in chambers, and in vertical shafts or in tunnels above 45 °C or in boreholes.

APPLICATION:

Suitable for power connection of underground coal mining equipment with a rated voltage not exceeding 0.66/1.14 kV.

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MYP 0.38/0.66kV Mobile Shielding Rubber Flexible Cable for Coal Mines

Specifications

MYP 0.38/0.66kV

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
3 × 4+1 × 4	2.9	1.4	3.5	22.5	753.5
3 × 6+1 × 6	3.6	1.6	3.5	25.1	961.7
3 × 10+1 × 10	4.8	1.6	4.0	29.0	1323.4
3 × 16+1 × 10	5.8	1.6	4.0	31.0	1587.5
3 × 25+1 × 16	7.3	1.8	4.5	36.3	2248.3
3 × 35+1 × 16	9.2	1.8	4.5	40.1	2765.6
3 × 50+1 × 16	11.0	2.0	5.0	46.3	3704.6
3 × 70+1 × 25	13.1	2.0	5.0	51.1	4679.9
3 × 95+1 × 25	14.4	2.2	5.5	56.0	5872.0
3 × 120+1 × 35	16.3	2.2	5.5	61.1	7081.5
3 × 150+1 × 50	18.4	2.4	6.0	67.9	8781.1

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
4	37	4.95	600
6	46	3.3	450
10	63	1.91	400
16	85	1.21	350
25	110	0.78	300
35	135	0.554	250
50	170	0.386	250
70	205	0.272	200
95	250	0.206	200
120	295	0.161	200
150	320	0.129	180