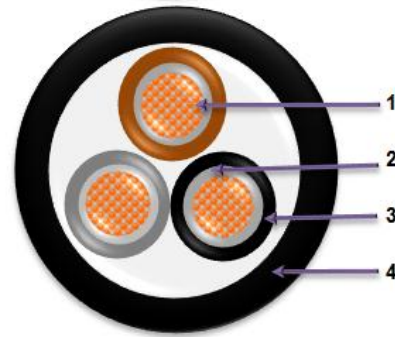


5.3. MT/XLPE/LSOH 0.6/1kV



Construction 结构

- 1 **Conductor:** Plain copper, according to IEC60228
导体: 裸铜导体符合 IEC60228
- 2 **Fire barrier:** Mica tape
耐火层: 云母带
- 3 **Insulation:** XLPE compound
绝缘: XLPE 化合物
- 4 **Sheath:** LSOH compound
护套: 低烟无卤阻燃化合物

Application 应用:

Unarmoured cable for power transmission or distribution and lighting systems .
非铠装电缆, 用于动力传输或分配和照明系统

Technical data 技术参数:

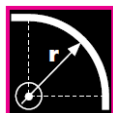
Rated voltage:	600/1000V
额定电压:	
Operating temperature:	-15°C to +90°C
运行温度:	
Insulation resistance:	≥1000M Ohm*km
绝缘电阻:	
AC voltage test:	3500V/5min
交流耐压试验:	
Applicable standards:	IEC60502
应用标准:	

Cable Marking: Prysmian Cable Type No. *Size /Voltage/ Year/Week m (meter marking)

Cable Property 电缆特性



Short-circuit Temp.
短路温度为
+250°C (5S)



Min. bending radius
最小弯曲半径
15D



Flame retardant:
阻燃特性:
IEC60332-1
IEC60332-3 A



Fire resistant
耐火特性
IEC60331
BS6387 CWZ
EN 50200
BS8491 BS8434

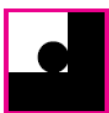


Without corrosive gases
无腐蚀性气体
IEC60754
IEC61034

Laying condition 敷设条件



Installation Temp.
安装温度:
0°C



Open air
空气中



Buried duct
管道中埋设



Duct or cable tray
管道或桥架



Buried Trough
沟槽中敷设

● Main Construction And Dimension Data 主要结构及尺寸:

No	Conductor cross-section	Thickness of insulation	Class of conductor IEC60228	Max. Outside Diameter	Weight of cable approx.	Max. DC resistance at 20°C
序号	导体截面积 mm ²	绝缘厚度 mm	导体类型	最大外径 mm	近似重量 kg/km	直流电阻 Ω/km
1.	1×1.5	0.7	2	7.3	60	12.1
2.	1×2.5	0.7	2	7.5	70	7.41
3.	1×4	0.7	2	8.5	90	4.61
4.	1×6	0.7	2	9.0	120	3.08
5.	1×10	0.7	2	10.0	160	1.83
6.	1×16	0.7	2	11.0	220	1.15
7.	1×25	0.9	2	13.0	330	0.727
8.	1×35	0.9	2	14.4	450	0.524
9.	1×50	1.0	2	15.8	550	0.387
10.	1×70	1.1	2	17.6	760	0.268
11.	1×95	1.1	2	19.8	1050	0.193
12.	1×120	1.2	2	21.5	1300	0.153
13.	1×150	1.4	2	24.5	1600	0.124
14.	1×185	1.6	2	26.0	1950	0.0991
15.	1×240	1.7	2	29.0	2600	0.0754
16.	1×300	1.8	2	32.0	3100	0.0601

1.	2×1.5	0.7	2	14.0	125	12.1
2.	2×2.5	0.7	2	15.0	160	7.41
3.	2×4	0.7	2	16.0	270	4.61
4.	2×6	0.7	2	17.2	330	3.08
5.	2×10	0.7	2	19.0	460	1.83
6.	2×16	0.7	2	21.0	580	1.15
7.	2×25	0.9	2	25.0	860	0.727
8.	2×35	0.9	2	27.5	1200	0.524
9.	2×50	1.0	2	28.5	1450	0.387
10.	2×70	1.1	2	33.6	1940	0.268
11.	2×95	1.1	2	37.0	2540	0.193

No	Conductor cross-section	Thickness of insulation	Class of conductor	Max. Outside Diameter	Weight of cable approx.	Max. DC resistance at 20°C
序号	导体截面积 mm ²	绝缘厚度 mm	IEC60228 导体类型	最大外径 mm	近似重量 kg/km	直流电阻 Ω/km
1.	3×1.5	0.7	2	13.5	170	12.1
2.	3×2.5	0.7	2	14.8	220	7.41
3.	3×4	0.7	2	15.9	270	4.61
4.	3×6	0.7	2	17.1	340	3.08
5.	3×10	0.7	2	20.0	470	1.83
6.	3×16	0.7	2	22.2	700	1.15
7.	3×25	0.9	2	27.0	1030	0.727
8.	3×35	0.9	2	29.3	1350	0.524
9.	3×50	1.0	2	32.3	1900	0.387
10.	3×70	1.1	2	36.9	2600	0.268
11.	3×95	1.1	2	40.6	3500	0.193
12.	3×120	1.2	2	46.0	4300	0.153
13.	3×150	1.4	2	49.4	5200	0.124
14.	3×185	1.6	2	55.4	6500	0.0991
15.	3×240	1.7	2	60.5	8300	0.0754
16.	3×300	1.8	2	67.0	10800	0.0601

1.	4×1.5	0.7	2	15.0	210	12.1
2.	4×2.5	0.7	2	17.2	260	7.41
3.	4×4	0.7	2	17.2	330	4.61
4.	4×6	0.7	2	18.9	450	3.08
5.	4×10	0.7	2	21.2	590	1.83
6.	4×16	0.7	2	24.0	890	1.15
7.	4×25	0.9	2	28.8	1350	0.727
8.	4×35	0.9	2	30.0	1740	0.524
9.	4×50	1.0	2	36.1	2460	0.387
10.	4×70	1.1	2	41.2	3500	0.268
11.	4×95	1.1	2	45.7	4600	0.193
12.	4×120	1.2	2	51.2	5800	0.153
13.	4×150	1.4	2	58.0	6870	0.124
14.	4×185	1.6	2	60.8	8290	0.0991
15.	4×240	1.7	2	67.3	10920	0.0754
16.	4×300	1.8	2	74.3	12800	0.0601

No	Conductor cross-section	Thickness of insulation	Class of conductor	Max. Outside Diameter	Weight of cable approx.	Max. DC resistance at 20°C
序号	导体截面积 mm ²	绝缘厚度 mm	IEC60228 导体类型	最大外径 mm	近似重量 kg/km	直流电阻 Ω/km
1.	5×1.5	0.7	2	15.5	225	12.1
2.	5×2.5	0.7	2	16.8	280	7.41
3.	5×4	0.7	2	17.7	378	4.61
4.	5×6	0.7	2	19.4	500	3.08
5.	5×10	0.7	2	22.5	790	1.83
6.	5×16	0.7	2	25.0	1125	1.15
7.	5×25	0.9	2	30.0	1730	0.727
8.	5×35	0.9	2	35.0	2350	0.524
9.	5×50	1.0	2	37.5	3000	0.387
10.	5×70	1.1	2	43.5	4120	0.268
11.	5×95	1.1	2	48.5	5620	0.193
12.	5×120	1.2	2	54.0	7050	0.153
13.	5×150	1.4	2	61.0	8550	0.124
14.	5×185	1.6	2	66.5	10470	0.0991
15.	5×240	1.7	2	74.0	13800	0.0754

1.	4×2.5+1×1.5	0.7/0.7	2	15.9	280	7.41/12.1
2.	4×4+1×2.5	0.7/0.7	2	16.8	410	4.61/7.41
3.	4×6+1×4	0.7/0.7	2	18.6	540	3.08/4.61
4.	4×10+1×6	0.7/0.7	2	21.8	750	1.83/3.08
5.	4×16+1×10	0.7/0.7	2	24.9	1150	1.15/1.83
6.	4×25+1×16	0.9/0.7	2	28.9	1650	0.727/1.15
7.	4×35+1×16	0.9/0.7	2	31.6	2050	0.524/1.15
8.	4×50+1×25	1.0/0.9	2	37.9	2760	0.387/0.727
9.	4×70+1×35	1.1/0.9	2	42.8	3890	0.268/0.524
10.	4×95+1×50	1.1/1.0	2	47.7	5130	0.193/0.387
11.	4×120+1×70	1.2/1.1	2	53.7	6610	0.153/0.268
12.	4×150+1×70	1.4/1.1	2	58.9	7560	0.124/0.268
13.	4×185+1×95	1.6/1.1	2	64.6	9340	0.0991/0.193
14.	4×240+1×120	1.7/1.2	2	71.5	12500	0.0754/0.153
15.	4×300+1×150	1.8/1.4	2	82.3	16500	0.0601/0.124

No	Conductor cross-section	Thickness of insulation	Class of conductor	Max. Outside Diameter	Weight of cable approx.	Max. DC resistance at 20°C
序号	导体截面积 mm ²	绝缘厚度 mm	IEC60228 导体类型	最大外径 mm	近似重量 kg/km	直流电阻 Ω/km
1.	3×2.5+2×1.5	0.7/0.7	2	16.2	260	7.41/12.1
2.	3×4+2×2.5	0.7/0.7	2	17.3	400	4.61/7.41
3.	3×6+2×4	0.7/0.7	2	18.8	520	3.08/4.61
4.	3×10+2×6	0.7/0.7	2	22.8	715	1.83/3.08
5.	3×16+2×10	0.7/0.7	2	26.3	1030	1.15/1.83
6.	3×25+2×16	0.9/0.7	2	25.6	1540	0.727/1.15
7.	3×35+2×25	0.9/0.9	2	30.3	1750	0.524/1.15
8.	3×50+2×35	1.0/0.9	2	36.3	2690	0.387/0.727
9.	3×70+2×35	1.1/0.9	2	40.8	3390	0.268/0.524
10.	3×95+2×50	1.4/1.1	2	45.4	4600	0.193/0.387
11.	3×120+2×70	1.2/1.1	2	50.1	5900	0.153/0.268
12.	3×150+2×70	1.4/1.1	2	55.4	6700	0.124/0.268
13.	3×185+2×95	1.6/1.1	2	60.5	8600	0.0991/0.193
14.	3×240+2×120	1.7/1.2	2	69.5	11000	0.0754/0.153
15.	3×300+2×150	1.8/1.4	2	80.6	14000	0.0601/0.124
1.	3×2.5+1×1.5	0.7/0.7	2	15.4	250	7.41/12.1
2.	3×4+1×2.5	0.7/0.7	2	16.6	310	4.61/7.41
3.	3×6+1×4	0.7/0.7	2	18.0	400	3.08/4.61
4.	3×10+1×6	0.7/0.7	2	20.8	550	1.83/3.08
5.	3×16+1×10	0.7/0.7	2	23.5	820	1.15/1.83
6.	3×25+1×16	0.9/0.7	2	27.9	1160	0.727/1.15
7.	3×35+1×16	0.9/0.7	2	29.7	1650	0.524/1.15
8.	3×50+1×25	1.0/0.9	2	36.9	2050	0.387/0.727
9.	3×70+1×35	1.1/0.9	2	38.8	2760	0.268/0.524
10.	3×95+1×50	1.1/1.0	2	42.7	3890	0.193/0.387
11.	3×120+1×70	1.2/1.1	2	47.6	5130	0.153/0.268
12.	3×150+1×70	1.4/1.1	2	51.5	6000	0.124/0.268
13.	3×185+1×95	1.6/1.1	2	56.8	7400	0.0991/0.193
14.	3×240+1×120	1.7/1.2	2	63.8	9500	0.0754/0.153
15.	3×300+1×150	1.8/1.4	2	70.6	11600	0.0601/0.124

Tanúsítvány *Certificate*



Tanúsítvány szám *Certificate No.* UC 69262576
Oldal *Page* 0001

Jegyzőkönyv szám *Test Report No.* 50345312 001
Kiadás dátuma *Date of Issue* 2020-09-01

Tanúsítvány Tulajdonos *Certificate Holder*
SUZHOU DRAKA CABLE CO., LTD.
No 88, Kangyuan Road,
Xiangcheng Development Area,
Suzhou Jiangsu Province,
P. R. China

Gyártóhely *Manufacturing Plant*
SUZHOU DRAKA CABLE CO., LTD.
No 88, Kangyuan Road,
Xiangcheng Development Area,
Suzhou Jiangsu Province,
P. R. China

Vizsgálati Jel *Test Mark*



Tanúsítás alapjául szolgáló előírások *Tested according to*

IEC 60502-1:2004+A1:2009
IEC 60332-3-22:2018
IEC 60331-1:2018
IEC 60331-2:2018

Tanúsított Termék (Termék azonosítás)
Certified Product (Product Identification)

Kábel/Cable:
Fire Resistant Power Cable

Type designation: MT/XLPE/LSOH 0.6/1kV 1X1.5...800mm²
MT/XLPE/LSOH 0.6/1kV 2...4X1.5...400mm²
MT/XLPE/LSOH 0.6/1kV 5X1.5...300mm²
MT/XLPE/LSOH 0.6/1kV 6...19X1.5...4mm²

Ratings: 0.6/1 kV

Trade Mark: PRYSMIAN or DRAKA

Further standards tested according to: BS 7846:2015 (Category F2)
BS 6387:2013 (Category CWZ)

A tanúsítvány a fenti kábel típusra vonatkozik. A tanúsítvány a TÜV Rheinland InterCert Kft. Vizsgálati, Ellenőrzési és Tanúsítási Szabályzatán alapszik. A tanúsított kábel megfelel a fenti vizsgálati előírásoknak, a sorozatgyártása ellenőrzött. A <MEEI> kábel megfelelőségi jel használatának joga engedélyezett a tanúsított kábelen.

This certificate refers to the above mentioned cable type. The certificate is based on the Testing, Inspection and Certification Regulation of TÜV Rheinland InterCert Kft. The certified cable fulfils the above listed requirements and its manufacturing is subject to surveillance. The right to use the <MEEI> cable conformity mark is permitted on the certified cable.

Tanúsító Szervezet
Certification Body

TÜV Rheinland InterCert Kft., MEEI Division – Product Certification
H-1143 Budapest, Gizella út 51-57., Hungary
www.tuv.com

Kristof Kertesz

Validity of certificate can be checked on www.CERTIPEDIA.com