



CONTACT

Market information
 industryprojects.business@lynx^{eo}.group.com

- Instrumentation cables 300/500 (600) V
- CST 74C068
- Zero halogen (SH)
- Cables installed inside of the containment area (K1)
- Overall Screen (EG)
- Unarmoured (NA)

STANDARDS

Product IEC 60228

Test IEC 60332-3-23; IEC 60754-1; IEC 61034-2; NF C32-070/C1

APPLICATIONS

These instrumentation cables allow connection to a variety of measurement equipment. Many of them require anti-inductive screen (EMI).

CONSTRUCTION

Design

Conductor:

Flexible bare copper (class 5)

Insulation:

Cross-linked halogen free (SH)

Assembling tape (optional):

Inner sheath:

Low smoke, zero halogen (LSZH)

Overall screen:

Copper wire braid (CWB)

Outer sheath:

Low smoke, zero halogen (LSZH)

Colour: white

Core identification

Black cores printed with white numbers



无卤
IEC 60754-1



额定电压U_o/U
300 / 500 V



LYNXEO 279 Nber of pairs, or triads & cross-section Cu
 00 K1 SH 0.3/0.5 (0.6) kV YYY Y Manufacturing number + metric marking
 阻燃 烟密度 抗电磁干扰
 NF C 32070 C1; EN/IEC 61034-2
 IEC 60332-3-23 (cat. B)

Standard

IEC 60332-3-23 (B)



Life cycle
60years
是



耐辐射
Yes



LOCA
是

Quality insurance according to RCC-E

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of LynxEO is indicative only and shall not be binding on LynxEO or be treated as constituting a representation on the part of LynxEO.

CHARACTERISTICS

结构特性

导体材料	裸铜
导体类型	Flexible, Classe 5
绝缘	无卤
内护套	Halogen free compound
屏蔽	Copper Braid
外护套	无卤
无卤	IEC 60754-1

电气特性

额定电压U ₀ /U	300 / 500 V
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使用特性

阻燃	NF C 32070 C1; IEC 60332-3-24 (cat. B)
烟密度	EN/IEC 61034-2
抗电磁干扰	是
Life cycle 60years	是
耐辐射	Yes
Loss of coolant accident resistant	是
芯线最高静止温度	90 ° C
操作温度范围	-20 ... 60 ° C
Nuclear Classification	Class 1 E LOCA /K1

SECTION 0.5 MM²

Reference Name	Conductor diam. [mm]	Diam. over insulation [mm]	Diam. over inner sheath [mm]	Diam. over screen [mm]	Min. outer diam. [mm]	Max. outer diam. [mm]	Approx. weight [kg/km]
74C068 SH M 1P0,5 Cu5 K1 EG NA	0.9	2.1	5.8	6.46	8.4	9.7	124
74C068 SH M 2P0,5 Cu5 K1 EG NA	0.9	2.1	9.3	10.14	12.2	14.0	220
74C068 SH M 4P0,5 Cu5 K1 EG NA	0.9	2.1	11.8	12.6	14.9	16.9	304
74C068 SH M 8P0,5 Cu5 K1 EG NA	0.9	2.1	15.4	16.4	18.8	21.3	478



无卤
IEC 60754-1



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300 / 500 V



阻燃
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烟密度
EN/IEC 61034-2



抗电磁干扰
是



Life cycle
60years
是



耐辐射
Yes



LOCA
是

Reference Name	Conductor diam. [mm]	Diam. over insulation [mm]	Diam. over inner sheath [mm]	Diam. over screen [mm]	Min. outer diam. [mm]	Max. outer diam. [mm]	Approx. weight [kg/km]
74C068 SH M 20P0,5 Cu5 K1 EG NA	0.9	2.1	23.6	24.6	27.2	30.8	958

SECTION 1 MM²

Reference Name	Conductor diam. [mm]	Diam. over insulation [mm]	Diam. over inner sheath [mm]	Diam. over screen [mm]	Min. outer diam. [mm]	Max. outer diam. [mm]	Approx. weight [kg/km]
74C068 SH M 1P1 Cu5 K1 EG NA	1.3	2.58	6.6	7.39	9.5	11.0	176
74C068 SH M 1T1 Cu5 K1 EG NA	1.3	2.58	7	7.78	9.9	11.4	196
74C068 SH M 1Q1 Cu5 K1 EG NA	1.3	2.58	7.6	8.45	10.6	12.1	223
10195518 74C068 SH M 2P1 (QE) Cu5 K1 EG NA	1.3	2.58	7.6	8.45	10.6	12.1	223
74C068 SH M 2T1 Cu5 K1 EG NA	1.3	2.58	10.9	11.8	13.9	15.8	389
74C068 SH M 2P1 Cu5 K1 EG NA	1.3	2.58	11.3	12.1	14.4	16.4	342
74C068 SH M 3P1 Cu5 K1 EG NA	1.3	2.58	12.3	13.1	15.4	17.5	382
74C068 SH M 4P1 Cu5 K1 EG NA	1.3	2.58	13.8	14.8	17.1	19.3	480
10194077 74C068 SH M 3T1 Cu5 K1 EG NA	1.3	2.58	13.9	14.9	17.2	19.5	510
74C068 SH M 6P1 Cu5 K1 EG NA	1.3	2.58	16.8	17.8	20.2	22.9	650
74C068 SH M 8P1 Cu5 K1 EG NA	1.3	2.58	18	19.0	21.3	24.2	712
74C068 SH M 6T1 Cu5 K1 EG NA	1.3	2.58	19.6	20.6	23.1	26.2	837
74C068 SH M 8T1 Cu5 K1 EG NA	1.3	2.58	20.6	21.6	24.1	27.3	920
74C068 SH M 12P1 Cu5 K1 EG NA	1.3	2.58	21.9	22.9	25.3	28.7	959



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烟密度
EN/IEC 61034-2



抗电磁干扰
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Life cycle
60years
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耐辐射
Yes



LOCA
是

Reference Name	Conductor diam. [mm]	Diam. over insulation [mm]	Diam. over inner sheath [mm]	Diam. over screen [mm]	Min. outer diam. [mm]	Max. outer diam. [mm]	Approx. weight [kg/km]
74C068 SH M 24P1 Cu5 K1 EG NA	1.3	2.58	30.4	31.6	34.3	38.9	1694
74C068 SH M 21T1 Cu5 K1 EG NA	1.3	2.58	32.7	33.9	36.6	41.4	1997

SECTION 1.5 MM²

Reference Name	Conductor diam. [mm]	Diam. over insulation [mm]	Diam. over inner sheath [mm]	Diam. over screen [mm]	Min. outer diam. [mm]	Max. outer diam. [mm]	Approx. weight [kg/km]
74C068 SH M 1P1.5 Cu5 K1 EG NA	1.5	2.78	7	7.79	9.9	11.4	196
74C068 SH M 1T1.5 Cu5 K1 EG NA	1.5	2.78	7.4	8.21	10.3	11.9	220
74C068 SH M 1Q1.5 Cu5 K1 EG NA	1.5	2.78	8.1	8.93	11.0	12.7	246
74C068 SH M 2T1.5 Cu5 K1 EG NA	1.5	2.78	11.6	12.5	14.8	16.8	453
74C068 SH M 6P1.5 Cu5 K1 EG NA	1.5	2.78	17.9	18.9	21.4	24.3	742
74C068 SH M 6T1.5 Cu5 K1 EG NA	1.5	2.78	20.9	21.9	24.3	27.6	957
74C068 SH M 8T1.5 Cu5 K1 EG NA	1.5	2.78	22.2	23.2	25.8	29.2	1099
74C068 SH M 12P1.5 Cu5 K1 EG NA	1.5	2.78	23.4	24.4	27.0	30.6	1115
74C068 SH M 21T1.5 Cu5 K1 EG NA	1.5	2.78	35.1	36.3	39.3	44.5	2409



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是



Life cycle
60years
是



耐辐射
Yes



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是

PRODUCT LIST

Reference	Country Ref.	Name	导线截面 [mm ²]
☎	-	74C068 SH M 1P0.5 Cu5 K1 EG NA	0.5
☎	-	74C068 SH M 2P0.5 Cu5 K1 EG NA	0.5
☎	-	74C068 SH M 4P0.5 Cu5 K1 EG NA	0.5
☎	-	74C068 SH M 8P0.5 Cu5 K1 EG NA	0.5
☎	-	74C068 SH M 20P0.5 Cu5 K1 EG NA	0.5
☎	-	74C068 SH M 1P1 Cu5 K1 EG NA	1
☎	-	74C068 SH M 1Q1 Cu5 K1 EG NA	1
☎ 10195518	-	74C068 SH M 2P1 (QE) Cu5 K1 EG NA	1
☎	-	74C068 SH M 2P1 Cu5 K1 EG NA	1
☎	-	74C068 SH M 3P1 Cu5 K1 EG NA	1
☎	-	74C068 SH M 4P1 Cu5 K1 EG NA	1
☎	-	74C068 SH M 6P1 Cu5 K1 EG NA	1
☎	-	74C068 SH M 8P1 Cu5 K1 EG NA	1
☎	-	74C068 SH M 12P1 Cu5 K1 EG NA	1
☎	-	74C068 SH M 24P1 Cu5 K1 EG NA	1
☎	-	74C068 SH M 1T1 Cu5 K1 EG NA	1
☎	-	74C068 SH M 2T1 Cu5 K1 EG NA	1
☎ 10194077	-	74C068 SH M 3T1 Cu5 K1 EG NA	1
☎	-	74C068 SH M 6T1 Cu5 K1 EG NA	1
☎	-	74C068 SH M 8T1 Cu5 K1 EG NA	1
☎	-	74C068 SH M 21T1 Cu5 K1 EG NA	1
☎	-	74C068 SH M 1P1.5 Cu5 K1 EG NA	1.5
☎	-	74C068 SH M 1Q1.5 Cu5 K1 EG NA	1.5
☎	-	74C068 SH M 6P1.5 Cu5 K1 EG NA	1.5
☎	-	74C068 SH M 12P1.5 Cu5 K1 EG NA	1.5
☎	-	74C068 SH M 1T1.5 Cu5 K1 EG NA	1.5
☎	-	74C068 SH M 2T1.5 Cu5 K1 EG NA	1.5
☎	-	74C068 SH M 6T1.5 Cu5 K1 EG NA	1.5
☎	-	74C068 SH M 8T1.5 Cu5 K1 EG NA	1.5
☎	-	74C068 SH M 21T1.5 Cu5 K1 EG NA	1.5

☎ = Make to order, ☐ = In stock,

SELLING AND DELIVERY INFORMATION

Minimum bending radius:



无卤
IEC 60754-1



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Life cycle
60years
是



耐辐射
Yes



LOCA
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8 x outer diameter
To be doubled during laying operations

2 pair cables (QE) are assembled as a quad (1.3.2.4)

Marking

LYNXEO 279 Nber of pairs or triads & cross-section Cu EG CST 74 C 068 00 K1 SH 0.3/0.5 (0.6)
kV YYYY Manufacturing number + metric marking



无卤
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