



CONTACT

Market information
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- Instrumentation cables 300/500 (600) V
- CST 74C068
- Zero halogen (SH)
- Cables installed outside of the containment area (K3)
- 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).

DESIGN

Conductor:

Flexible bare copper (class 5)

Insulation:

Cross-linked halogen free (SH)

Assembling tape (optional):

Overall screen:

Copper wire braid (CWB)

Outer sheath:

Low smoke, zero halogen (LSZH)

Colour: white

Core identification

Black cores printed with white numbers

STANDARD

IEC 60332-3-23(B)

Quality insurance according to RCC-E



无卤
IEC 60754-1



额定电压U₀/U
300 / 500 V



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



操作温度
-20 ... 60 °C



芯线最高静止温度
90 °C

CHARACTERISTICS

结构特性

导体材料	裸铜
导体类型	Flexible, Classe 5
绝缘	无卤
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
操作温度范围	-20 ... 60 ° C
芯线最高静止温度	90 ° C
Nuclear Classification	Class 1 E Non LOCA/K3

SECTION 0.5 MM²

Reference Name	Conductor diam. [mm]	Diam. over insulation [mm]	Diam. over screen [mm]	Min. outer diam. [mm]	Max. outer diam. [mm]	Approx. weight [kg/km]
74C068 SH M 1P0.5 Cu5 K3 EG NA	0.9	2.1	4.8	6.8	8.0	82
10213524 74C068 SH M 2P0,5 (QE) Cu5 K3 EG NA	0.9	2.1	5.8	7.8	9.3	114
10213525 74C068 SH M 6P0,5 Cu5 K3 EG NA	0.9	2.1	12.6	15.7	17.3	310
10213526 74C068 SH M 12P0,5 Cu5 K3 EG NA	0.9	2.1	16.5	20.3	22.4	525

SECTION 1 MM²

Reference Name	Conductor diam. [mm]	Diam. over insulation [mm]	Diam. over screen [mm]	Min. outer diam. [mm]	Max. outer diam. [mm]	Approx. weight [kg/km]
10176405 74C068 SH M 1P1 Cu5 K3 EG NA	1.3	2.58	5.9	7.6	8.9	106
10176409 74C068 SH M 1T1 Cu5 K3 EG NA	1.3	2.58	6.3	8.0	9.3	123



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	74C068 SH M 1Q1 Cu5 K3 EG NA	1.3	2.58	7.0	8.7	10.1	150
10213515	74C068 SH M 2P1 (QE) Cu5 K3 EG NA	1.3	2.58	7.0	8.7	10.1	150
	74C068 SH M 2T1 Cu5 K3 EG NA	1.3	2.58	9.9	11.8	13.5	228
10176448	74C068 SH M 2P1 Cu5 K3 EG NA	1.3	2.58	10.3	11.9	13.6	247
	74C068 SH M 3P1 Cu5 K3 EG NA	1.3	2.58	11.2	13.7	14.2	250
	74C068 SH M 4P1 Cu5 K3 EG NA	1.3	2.58	12.1	14.6	16.6	280
	74C068 SH M 3T1 Cu5 K3 EG NA	1.3	2.58	12.5	14.6	16.6	318
10176407	74C068 SH M 6P1 Cu5 K3 EG NA	1.3	2.58	15.5	18.0	20.4	456
	74C068 SH M 8P1 Cu5 K3 EG NA	1.3	2.58	16.1	19.5	22.1	520
	74C068 SH M 6T1 Cu5 K3 EG NA	1.3	2.58	16.7	19.6	22.2	602
	74C068 SH M 8T1 Cu5 K3 EG NA	1.3	2.58	19.1	22.1	25.1	740
10176408	74C068 SH M 12P1 Cu5 K3 EG NA	1.3	2.58	19.5	23.2	26.3	750
	74C068 SH M 24P1 Cu5 K3 EG NA	1.3	2.58	27.3	31.3	35.5	1260
	74C068 SH M 21T1 Cu5 K3 EG NA	1.3	2.58	29.4	33.4	37.8	1611

SELLING AND DELIVERY INFORMATION

Minimum bending radius:

10 x outer diameter
To be doubled during laying operations

2 pair cables (QE) assembled as a quad (1, 3, 2, 4)

Marking

LYNXEO 279 Nber of pairs, triads or quads & cross-section Cu EG GST 74 C 068 00 K3 SH 0.3/0.5 (0.6) kV YYYY Manufacturing number + metric marking



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