



### CONTACT

Market information  
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- CST 74C068
- Quality insurance according to RCC-E
- Zero halogen (SH)
- Control cables 0.3/0.5(0.6)kV
- Cables installed outside of the containment area (K3)
- Overall Screen (EG)
- Armoured by braid (TZ) or tapes (AR)

### STANDARDS

Product IEC 60228

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

### APPLICATIONS

These control cables allow connection to a variety of industrial equipment from control room. Many of them require anti-inductive screen (EMI). They are well adapted to underground use.

### CONSTRUCTION

#### Conductor:

- Stranded plain copper (class 2)

#### Insulation:

- Zero halogen (SH), cross-linked

#### Assembling:

- Polyester tape (optional)

#### Overall screen:

- Copper wire braid (CWB)  $R \geq 80\%$

#### Inner sheath:

- Low smoke, zero halogen (LSZH)

#### Armour:

- Galvanized steel braid (Tz)  $\leq 4$  conductors
- Steel tapes (Ar)  $> 4$  conductors

#### Outer sheath:

- Low smoke, zero halogen (LSZH)
- Colour: grey

Core identification

Black cores printed with white numbers

Optional: with Y/G core

Marking

LYNXEO 279 Nber of cores & cross-section Cu EG ARME CST 74 C 068 K3 SH  
0.3/0.5 (0.6) kV YYY Y Manufacturing number + metric marking



无卤  
IEC 60754-1; IEC 60754-2



机械耐冲击性能好



操作温度  
-20 ... 60 °C



烟密度  
-



阻燃  
NF C 32070 C1;  
IEC 60332-3-24  
(cat. B)



抗电磁干扰是



抗UV是



Life cycle  
60years  
是

### CHARACTERISTICS

#### 结构特性

导体材料	裸铜
导体类型	Stranded, class 2
绝缘	无卤
屏蔽	Bare copper braid
内护套	LSZH
外护套	低烟无卤
无卤	IEC 60754-1; IEC 60754-2

#### 机械特性

机械耐冲击性能	好
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#### 使用特性

操作温度范围	-20 ... 60 ° C
烟密度	-
阻燃	NF C 32070 C1; IEC 60332-3-24 (cat. B)
抗电磁干扰	是
抗UV	是
Life cycle 60years	是
芯线最高静止温度	90 ° C
Nuclear Classification	Class 1 E Non LOCA/K3

### GALVARIZED STEEL BRAID ARMOUR

Reference	Name	Cross section [mm <sup>2</sup> ]	Nb. of cores	Conductor diam. [mm]	Diam. over insulation [mm]	Diam. over screen [mm]	Diam. over inner sheath [mm]	Diam. over armour [mm]	Min. outer diam. [mm]	Max. outer diam. [mm]	Approx. weight [kg/km]	Green/Yellow core
10262014	74C068 SH C 500V 4x0.5 Cu2 K3 EG Tz	0.5	4	0.9	2.1	5.9	7.5	9.0	11.8	13.6	265	无
10230519	74C068 SH C 500V 2x0.75 Cu2 K3 EG Tz	0.75	2	1.1	2.3	5.4	7	8.5	11.7	13.4	240	无
10220646	74C068 SH C 500V 2x1 Cu2 K3 EG Tz	1	2	1.3	2.5	5.8	7.4	8.9	11.7	13.4	259	无



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10220647	74C068 SH C 500V 3x1 Cu2 K3 EG Tz	1	3	1.3	2.5	6.4	7.8	9.3	12.1	13.9	281	无
10220648	74C068 SH C 500V 4x1 Cu2 K3 EG Tz	1	4	1.3	2.5	6.9	8.9	10.1	13.2	15.0	329	无
10220684	74C068 SH C 500V 2x1.5 Cu2 K3 EG Tz	1.5	2	1.5	2.7	6.5	8.1	9.3	12.2	13.9	284	无
10220685	74C068 SH C 500V 3x1.5 Cu2 K3 EG Tz	1.5	3	1.5	2.7	6.9	8.7	9.9	13.0	14.8	328	无
10220686	74C068 SH C 500V 4x1.5 Cu2 K3 EG Tz	1.5	4	1.5	2.7	7.8	9.6	10.9	13.9	15.9	388	无
10230168	74C068 SH C 500V 3x2.5 Cu2 K3 EG Tz	2.5	3	1.9	3.1	7.8	10	11.3	14.5	16.5	410	无

### STEEL TAPES ARMOUR

Reference	Name	Cross section [mm <sup>2</sup> ]	Nb. of cores	Conductor diam. [mm]	Diam. over insulation [mm]	Diam. over screen [mm]	Diam. over inner sheath [mm]	Diam. over armour [mm]	Min. outer diam. [mm]	Max. outer diam. [mm]	Approx. weight [kg/km]	Green/Yellow core
10219597	74C068 SH C 500V 7x1 Cu2 K3 EG Ar	1	7	1.3	2.5	8.8	11	12.0	15.2	17.3	438	无
10233671	74C068 SH C 500V 9x1 Cu2 K3 EG Ar	1	9	1.3	2.5	10.0	12.2	13.1	16.3	18.5	500	无



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Reference	Name	Cross section [mm <sup>2</sup> ]	Nb. of cores	Conductor diam. [mm]	Diam. over insulation [mm]	Diam. over screen [mm]	Diam. over inner sheath [mm]	Diam. over armour [mm]	Min. outer diam. [mm]	Max. outer diam. [mm]	Approx. weight [kg/km]	Green/ Yellow core
10219596	74C068 SH C 500V 12x1 Cu2 K3 EG Ar	1	12	1.3	2.5	11.9	14.3	15.2	18.1	20.4	631	无
10220651	74C068 SH C 500V 19x1 Cu2 K3 EG Ar	1	19	1.3	2.5	14.3	16.9	17.8	21.0	23.3	860	无
10220652	74C068 SH C 500V 27x1 Cu2 K3 EG Ar	1	27	1.3	2.5	17.3	20.1	21.0	24.2	26.8	1100	无
10220653	74C068 SH C 500V 37x1 Cu2 K3 EG Ar	1	37	1.3	2.5	18.6	21.4	22.3	24.2	27.8	1265	无
10220687	74C068 SH C 500V 7x1.5 Cu2 K3 EG Ar	1.5	7	1.5	2.7	9.5	11.5	12.4	15.5	17.6	502	无
10260238	74C068 SH C 500V 8x1.5 Cu2 K3 EG Ar	1.5	8	1.5	2.7	10.2	12.4	13.3	15.8	18.2	545	无
10220688	74C068 SH C 500V 12x1.5 Cu2 K3 EG Ar	1.5	12	1.5	2.7	12.8	15	15.9	19.0	21.4	738	无
10220689	74C068 SH C 500V 19x1.5 Cu2 K3 EG Ar	1.5	19	1.5	2.7	15.4	17.8	18.7	21.8	24.5	1012	无
10220690	74C068 SH C 500V 27x1.5 Cu2 K3 EG Ar	1.5	27	1.5	2.7	18.7	21.5	22.4	25.3	28.4	1324	无
10220691	74C068 SH C 500V 37x1.5 Cu2 K3 EG Ar	1.5	37	1.5	2.7	21.3	24.3	25.2	28.2	31.7	1699	无



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10267220 74C068 SH C 500V 48x1.5 Cu2 K3 EG Ar	1.5	48	1.5	2.7	23.4	26.6	27.5	29.2	33.6	1910	无
10236497 74C068 SH C 500V 4G2.5 Cu2 K3 EG Ar	2.5	4	1.9	3.1	8.6	10.8	12.3	14.7	16.7	465	是

### SELLING AND DELIVERY INFORMATION

Minimum bending radius:

10 x outer diameter  
To be doubled during laying operations

Marking

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kV YYYY Manufacturing number + metric marking



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