ZION

Fire Cables

L*** • UL • CPR • VDE • RoHS • NFPA

ZION

· Fire Resistant Cables

· Fire Performance Cables

· Fire Alarm Cables

www.zion-communication.com

HANGZHOU ZION COMMUNICATION CO., LTD.

CABLES UNDER THE FIRE

Fires are not only a leading cause of structural damage but also pose a significant risk to human life, primarily due to the inhalation of toxic gases and the obscuration of escape routes by dense smoke. This underscores the critical need for effective fire management strategies, including the installation of resilient electrical systems.

Even the most advanced alarm and emergency systems may fail if fire compromises the integrity of their associated cabling. This vulnerability has prompted companies to invest heavily in the research and development of insulation materials and cables that Perform optimally under fire conditions. These advancements aim to minimize the emission of fumes and acidic gases, and maintain circuit integrity even during a fire.

HANGZHOU ZION has been a key player in this market for over 15 years, leveraging its extensive research, innovative products, and rich experience to enhance fire safety in electrical infrastructures.

Through this catalog, we aim to share our expertise, our philosophy, and our approach to designing fire performance cables. We consider the cables presented here to be practical demonstrations of our capabilities. When it comes to creating a cable tailored to your unique needs, we're ready to collaborate. By understanding your specific circumstances, we can custom-design a cable that perfectly suits your requirements.

Fire-resistant cables are designed to maintain their ability to transmit energy and signals during a fire for the minimum durations specified by relevant standards and regulations. These cables ensure continued operation of critical systems under extreme conditions.

The behavior of cables in the presence of flames involves several vital aspects, primarily how the cable responds under these conditions. This has led to the distinction between two types of performance:

FLAME RETARDANT

Flame retardant cables are designed to resist the spread of fire. However, these cables are typically destroyed during a fire, resulting in a loss of circuit integrity and causing all connected systems to fail. The primary function of flame retardant cables is to prevent the propagation of flames, not to maintain service during a fire.

FIRE RESISTANT

Fire-resistant cables, on the other hand, are capable of maintaining circuit integrity and continue to operate in the presence of fire. This is crucial for systems such as fire alarms, emergency lighting, and voice alarm systems, which are vital for facilitating building evacuation, transmitting alarm signals, and activating extinguishing systems. Fire-resistant cables also possess flame-retardant properties, ensuring a higher level of security during a fire.

GAS EMISSION / SMOKE DENSITY

Additional considerations in this context include the type and amount of gases emitted during combustion. Often, the danger in fire incidents stems not only from the flames themselves but also from the toxic gases released by the burning materials.

Polyvinyl Chloride (PVC) is a commonly used material for the insulation and jacketing of electrical cables due to its excellent flame-retardant properties. This effectiveness is largely due to the presence of chlorine, a flame suppressant within the compound. However, chlorine can be highly corrosive and toxic when burned, producing dense, heavy smoke. These are critical issues that need to be mitigated in fire scenarios. To address these concerns, important features to consider include:

- Absence of Halogen (Acid Gas):

Selecting materials that do not release halogenated acids or other toxic gases when exposed to fire.

- Low Smoke Emission:

Using materials that produce minimal smoke, thereby improving visibility and reducing inhalation hazards during a fire.

To ensure these properties, specific tests aligned with various standards are conducted to verify the performance of these cables under fire conditions.

Contents

CERTIFICATES & APPROVALS


Certificate of Compliance

Certificate Number: UL-US-2319226-1

Report Reference: E534647-20230505

Issue Date: 2024-01-18

Issued to:
HANGZHOU ZION COMMUNICATION CO.,LTD
No.68, Huaqiao Road, Lin'An, 311300 Zhejiang, Zhejiang Sheng China

This certificate confirms that representative samples of
ZOYR - Reaction to Fire and Fire Resistance of Cables Evaluated in accordance with International Standards

See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the Standard(s) indicated on this Certificate.

EN 50200:2015

Additional Information:
See UL Product iQ® at https://iq.ulprospector.com for additional information.

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow Up Services.

Look for the UL Certification Mark on the product.

David Pincuch
UL Mark Certification Program Manager

UL Solutions


NOA

QUALITY MANAGEMENT SYSTEM CERTIFICATE

This is to Certify that the QUALITY MANAGEMENT SYSTEM of

Hangzhou Zion Communication Co., Ltd.

Registered Address: No. 68 Huaqiao Road, Xinxiqiao Village, Jincheng Street, Lin'an District, Hangzhou City, Zhejiang Province

Audit Address: C401, C405, C406, No. 68, Huaqiao Road, Jincheng Street, Lin'an District, Hangzhou

has been assessed by NOA Certification and found to comply with

GB/T 19001-2016 idt ISO9001:2015

for the scope of

Sales of communication equipment, security equipment, cable and wires, metal products, electrical and electronics (sockets)

Certificate Number: NOA2111303
Unified Social Credit Code: 91330105332481441 4
Initial Certification Date: 13 Sep. 2021
Surveillance Audit Fees Label:
Certification Manager

Certificate Issue Date: 13 Sep. 2021 Certificate Expiry Date: 12 Sep. 2024

NOA Certification Service

UL Plenum


Certificate of Compliance

Certificate Number: [E541137]

Report Reference: E541137-20240509

Issue Date: 2024-MAY-09

Issued to:
HANGZHOU ZION COMMUNICATION CO.,LTD
No. 68 Huaqiao Road, Xinxiqiao Village
Jincheng Street, Lin'an District Hangzhou City
Zhejiang Province 311300 CN

This certificate confirms that representative samples of
POWER-LIMITED CIRCUIT CABLE
See addendum page for models

Has been evaluated by UL LLC in accordance with Standard(s) for Safety:
[UL 13 Power-Limited Circuit Cables]

Additional Information:
See UL Product iQ® at https://iq.ulprospector.com for additional information.

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

David Pincuch
UL Mark Certification Program Owner

UL Solutions

L*** EN 50200

Coming soon

L*** BS 6387

Coming soon

CPR B2ca/ Cca EN 50575

Coming soon

Fire Resistance/Performance Standards

FLAME TEMPERATURE	TEST ENVIRONMENT	Time 10° 20° 30° 40° 50° 60° 70° 80° 90° 110° 120° ... 180°min
830℃		**BS EN 50200:2015** PH15 PH30 PH60 PH90 PH120 — 15/30/60/90/120Min. 15/30/60/90/120Min. (1 impact / 5 Min)
830℃		**BS EN 50200:2015 + Annex E** 30Min. 30Min. (1 impact / 5 Min) 15Min.
930℃		**BS 8434-2:2003 + A2:2009** 120Min. 120Min. (1 impact / 5 Min) 60Min.
950℃		**BS 6387:2013 Cat. C** 180Min.
650℃		**BS 6387:2013 Cat. W** 30Min. 15Min.
950℃		**BS 6387:2013 Cat. Z** 15Min. 15Min. (1 impact / 30sec.)

GAS EMISSION

IEC 60332-3, CEI 20-22/3

BS EN 60754-1

Each non metallic material of the cable (~1.0 g) is burnt into a tube furnace up to 800 °C.
A controlled air flow rate absorbs the generated gases in a appropriate solution.
The tritation of the solution allows to determine the developed hydrochloric acid (HCl) amount

HCl Emission

IEC 60754-2, CEI 20-37/2-2

BS EN 60754-2

This test allows estimation of corrosiveness against metals of gases released when cables burn.
Materials composing the cable are burnt into a tubular oven with temperature higher than 935 °C.
A controlled air flow rate absorbs the generated gases in a specific distilled water solution.
pH and conductivity are finally measured.

STANDARD	REQUIRED VALUES
BS EN 50267-2-2, IEC 60754-2, CEI 20-37/2-2	pH 4,3 Conductivity 100 µS.cm-1

Gas Corrosivity

SMOKE DENSITY

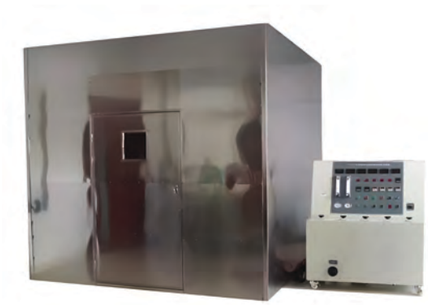
IEC 61034-2, CEI 20-37/3

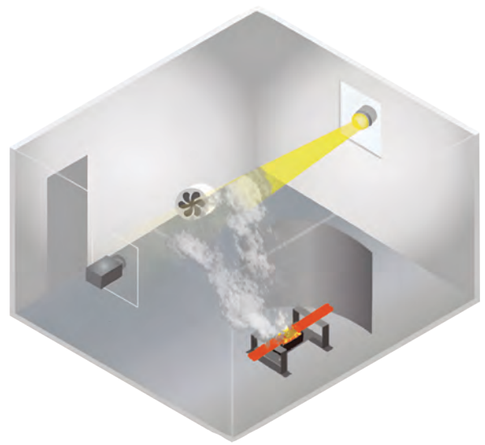
BS EN 61034-2

In a 3 m cube metal cabinet, samples of cables are burned by 100 cm3 of alcohol contained in a metal tray.
A photometric system is based on a light source and a photocell placed horizontally in the mid vertical plane of the cube, at height of 2.15 m. Absorbance or light transmission are measured.

STANDARD	REQUIRED VALUES
BS EN 61034-2, IEC 61034-2, CEI 20-37/3 (Transmittance - LT)	⩾ 60% or 80%v

Smoke Density

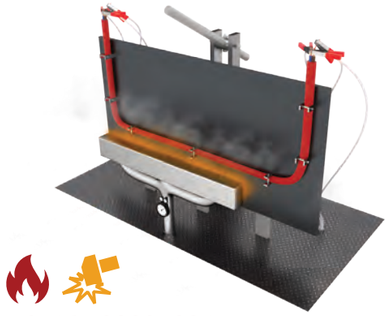




BS EN 50200: 2015

This test is carried out to verify the circuit integrity
of cables exposed to fire at 830°C and mechanical shocks.

CLASSIFICATION	
EN50200 PH30	Flame exposure for 30 min
EN50200 PH120	Flame exposure for 120 min



BS EN 50200: 2015

BS EN 50200 annex E

Standard Cable - BS 5839-1 - Clause 26.2D

This test is carried out to verify circuit integrity during a fire.
The cable is exposed to a flame at 830°C
and mechanical shocks for 15 minutes
and additional 15 minutes to flame,
mechanical shocks and water spray.

BS EN 50200 annex E

BS 8434-2

Enhanced Cable - BS 5839-1 - Clause 26.2E

This test is carried out to verify circuit integrity during a fire.
The cable is exposed to a flame at 930°C
and mechanical shocks for 60 minutes
and additional 60 minutes to flame,
Mechanical shocks and water spray.

BS 8434-2

BS 6387 CWZ

Following tests are carried out to verify if a cable is capable of maintaining circuit integrity under fire condition,
fire with water, and fire with mechanical shocks. During the tests the cables are maintained at their rated voltage.

BS 6387 Cat. C

Fire Resistance

The cable is exposed to fire at the 950°C for 180 minutes.

BS 6387 Cat. C

BS 6387 Cat. W

Fire And Water Resistance

The cable is exposed for 15 minutes to flame at 650°C
and for additional 15 minutes to fire and water spray.

BS 6387 Cat. W

BS 6387 Cat. Z

Fire Resistance with Mechanical Shocks

The cable is mounted on a vertical panel and shocked
with a steel bar for 15 minutes while submitted to
the action of a flame.

BS 6387 Cat. Z

Fire Resistance/Performance Standards

Fire Propagation Test on Bunched Cable

IEC 60331, CEI 20-36

Fire Resistance

This test is carried out to verify circuit integrity even during a fire. A sample of cable is held on a flame at about 750°C for a period of minimum 90 min, under rated voltage. No break or short circuit should occur. The test can also be performed in more severe conditions, up to 1100 °C. Fibre optic cables can be tested in same conditions, monitoring the attenuation of the signal of one or more fibres.

CLASSIFICATION
CEI 20-36/2-1 – IEC 60331-21 – Electrical cables up to 0,6/1 kV
CEI 20-36/2-3 – IEC 60331-23 – Data cables
CEI 20-36/2-5 – IEC 60331-25 – Fibre optic cables

IEC 60331, CEI 20-36

Fire & Flame Information

Flame Propagation Test on a Single Cable

IEC 60332-1, CEI 20-35/1

BS EN 60332-1

IEC 60332-1, CEI 20-35/2
for small diameter cables

BS EN 60332-2

A 60 cm long sample of cable is vertically fixed with two clamps inside a small cabin, open on the front. The cable is subjected to the action of a flame produced by a calibrated Bunsen burner. The application time of the flame is according to the cable diameter (60-480 seconds). At the end of the test the burnt portion of cable must not be 50 mm close to the higher clamp.

IEC 60332-1

Fire Propagation Test on Bunched Cable

IEC 60332-3, CEI 20-22/3

BS EN 60332-3

Samples of cables 3,5 m long in quantities required by standard are installed on a ladder inside a metallic cabinet. They are subjected to the action of a flame at 750°C for a specific time (20 or 40 minutes). Cables must not burn for more than 2,5 m.

IEC 60332-3

Construction & General Information

Sheath

To enhance safety in the event of a fire, the sheath is constructed from Low Smoke Zero Halogen (LSZH) materials. This choice ensures that the fire does not spread and prevents the release of toxic or corrosive gases while minimizing the emission of white fumes.

Insualtion

The most prevalent technologies to maintain the integrity of electric cable connections during a fire are:

- Ceramified silicone-rubber
- Mica-glass tape and Cross-linked polyolefin

Historically, mica tape taping has been the conventional method due to its compatibility with various insulation materials and its inherent fire resistance.

However, silicone rubber has recently become the preferred choice because it facilitates and speeds up the installation process. This material is especially appreciated for its easy-peeling features and for eliminating the necessity for extra taping.

Conductor

Conductors are typically manufactured in accordance with EN 60228 standards.

The type of conductors is selected based on electrical characteristics, required flexibility, connection systems, or specific installation conditions. For instance:

- In environments with vibration, movement, or a reduced bending radius, a class 5 flexible conductor is preferable.
- For permanent installations with crimping terminations, a class 1 solid conductor is ideal.
- In corrosive atmospheres, high temperatures, or situations where soldering is necessary, a tinned conductor is recommended.

EN 50200:2015 Class PH 120 STR Flexible Cable

L*** Certificated

CONSTRUCTION

Conductors:
Plain annealed copper wire,
Class 5
STR Flexible

Insulation:
Special Mix Silicon Rubber

Screen 1st:
Fibre Glass Tape, ＞110% Coverage

Drain Wire:
Tinned Copper; OD: 0.80mm

Screen 2nd:
Aluminum Polyester Tape, ＞120% Coverage

Outer Sheath:
Thermoplastic Low Smoke,Halogen Free

Sheath Color:
Red | White | Orange

REFERENCE STANDARDS

Flame Propagation
EN 50200:2015 Class PH120

Acidity
EN / IEC 60754-1:2014

Smoke Density
EN / IEC 61034-2:2005+A1:2013

TEMPERATURE RANGE

During Operation
-30℃ up to +180℃
During Installation
-5℃ up to +50℃

ELECTRICAL DATA

Insulation Resistance @ 20°C:
> 200 M Ohm*Km
Test Voltage Core-Core/ Core-Screen
2000 V / 2000V
Mutual Capacitance:
< 150 nF/km
Operating Voltage:
300/500 V

IDENTIFICATION OF CORES

2 cores
3 cores
4 cores

POPULAR PACKING

100M,300M,500M Wooden Spool

CHARACTERISTICS

Min. Bending Radius
8 x cable diameter

CABLE PRINTING

HANGZHOU ZION Fire Cables L* EN50200:2015 Class PH120 STR Flexible**
300/500V ×C×SQMM+BATCH NO.+METER MARKING

L*** EN 50200:2015 Class PH 120 CABLE STR Flexible

ZION CODE	No of conductors x cross section [mm²]	CONDUCTOR NOM.DIA [mm]	DIELECTRIC NOM.DIA [mm]	OUTER NOM.DIA [mm]
L7110701C5Rxxx	2×0.50 mm²	16×0.20 mm	1.90±0.10 mm	5.9±0.3 mm
L7110702C5Rxxx	2×0.75 mm²	24×0.20 mm	2.00±0.10 mm	6.2±0.3 mm
L7110703C5Rxxx	2×1.00 mm²	32×0.20 mm	2.20±0.10 mm	6.7±0.3 mm
L7110704C5Rxxx	2×1.50 mm²	30×0.25 mm	2.60±0.10 mm	7.4±0.3 mm
L7110705C5Rxxx	2×2.50 mm²	50×0.25 mm	3.20±0.10 mm	8.7±0.3 mm
L7110706C5Rxxx	2×4.00 mm²	81×0.25 mm	4.20±0.10 mm	10.6±0.3 mm
L7110707C5Rxxx	2×6.00 mm²	122×0.25 mm	5.00±0.10 mm	12.0±0.3 mm
L7110731C5Rxxx	3×0.50 mm²	16×0.20 mm	1.90±0.10 mm	6.1±0.3 mm
L7110732C5Rxxx	3×0.75 mm²	24×0.20 mm	2.00±0.10 mm	6.4±0.3 mm
L7110733C5Rxxx	3×1.00 mm²	32×0.20 mm	2.20±0.10 mm	6.8±0.3 mm
L7110734C5Rxxx	3×1.50 mm²	30×0.25 mm	2.60±0.10 mm	7.7±0.3 mm
L7110735C5Rxxx	3×2.50 mm²	50×0.25 mm	3.20±0.10 mm	9.3±0.3 mm
L7110736C5Rxxx	3×4.00 mm²	81×0.25 mm	4.20±0.10 mm	11.5±0.3 mm
L7110737C5Rxxx	3×6.00 mm²	122×0.25 mm	5.00±0.10 mm	13.3±0.3 mm
L7110751C5Rxxx	4×0.50 mm²	16×0.20 mm	1.90±0.10 mm	6.8±0.3 mm
L7110752C5Rxxx	4×0.75 mm²	24×0.20 mm	2.00±0.10 mm	7.1±0.3 mm
L7110753C5Rxxx	4×1.00 mm²	32×0.20 mm	2.20±0.10 mm	7.7±0.3 mm
L7110754C5Rxxx	4×1.50 mm²	30×0.25 mm	2.60±0.10 mm	8.8±0.3 mm
L7110755C5Rxxx	4×2.50 mm²	50×0.25 mm	3.20±0.10 mm	10.2±0.3 mm
L7110756C5Rxxx	4×4.00 mm²	81×0.25 mm	4.20±0.10 mm	13.0±0.3 mm
L7110757C5Rxxx	4×6.00 mm²	122×0.25 mm	5.00±0.10 mm	15.1±0.3 mm

* Cable certified by L*** BRE GLOBAL
* If the cables are with a WHITE outer sheath the ZION CODE will change in: L*******C5**W*****
* CUSTOMIZED ITEMS: Printing on Sheath; Lable; Carton
* Conductor will be within the tolerance range: ±0.005mm

Zion Code Naming rules

L 7110701 C5 R ×××

L*** Zion SKU Class 5 Sheath Color Cable length

EN 50200:2015 Class PH 120 Solid Cable

L*** Certificated

CONSTRUCTION

Conductors:
Plain annealed copper wire,
Class 1
Solid

Insulation:
Special Mix Silicon Rubber

Screen 1st:
Fibre Glass Tape, ＞110% Coverage

Drain Wire:
Tinned Copper; OD: 0.80mm

Screen 2nd:
Aluminum Polyester Tape, ＞120% Coverage

Outer Sheath:
Thermoplastic Low Smoke,Halogen Free

Sheath Color:
Red | White | Orange

REFERENCE STANDARDS

Flame Propagation
EN 50200:2015 Class PH120

Acidity
EN / IEC 60754-1:2014

Smoke Density
EN / IEC 61034-2:2005+A1:2013

TEMPERATURE RANGE

During Operation
-30℃ up to +180℃
During Installation
-5℃ up to +50℃

ELECTRICAL DATA

Insulation Resistance @ 20°C:
> 200 M Ohm*Km
Test Voltage Core-Core/ Core-Screen
2000 V / 2000V
Mutual Capacitance:
< 150 nF/km
Operating Voltage:
300/500 V

IDENTIFICATION OF CORES

2 cores
3 cores
4 cores

POPULAR PACKING

100M,300M,500M Wooden Spool

CHARACTERISTICS

Min. Bending Radius
8 x cable diameter

CABLE PRINTING

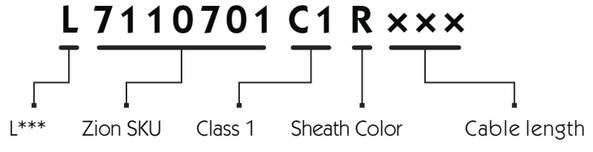
HANGZHOU ZION Fire Cables L* EN50200:2015 Class PH120 Solid**
300/500V ×C×SQMM+BATCH NO.+METER MARKING

L*** EN 50200:2015 Class PH 120 CABLE SOLID

ZION CODE	No of conductors x cross section [mm²]	CONDUCTOR NOM.DIA [mm]	DIELECTRIC NOM.DIA [mm]	OUTER NOM.DIA [mm]
L7110701C1Rxxx	2×0.50 mm²	1×0.80 mm	1.90±0.10 mm	5.9±0.3 mm
L7110702C1Rxxx	2×0.75 mm²	1×0.98 mm	2.00±0.10 mm	6.2±0.3 mm
L7110703C1Rxxx	2×1.00 mm²	1×1.13 mm	2.20±0.10 mm	6.7±0.3 mm
L7110704C1Rxxx	2×1.50 mm²	1×1.38 mm	2.60±0.10 mm	7.4±0.3 mm
L7110705C1Rxxx	2×2.50 mm²	1×1.78 mm	3.20±0.10 mm	8.7±0.3 mm
L7110706C1Rxxx	2×4.00 mm²	1×2.25 mm	4.20±0.10 mm	10.6±0.3 mm
L7110707C1Rxxx	2×6.00 mm²	1×2.76 mm	5.00±0.10 mm	12.0±0.3 mm
L7110731C1Rxxx	3×0.50 mm²	1×0.80 mm	1.90±0.10 mm	6.1±0.3 mm
L7110732C1Rxxx	3×0.75 mm²	1×0.98 mm	2.00±0.10 mm	6.4±0.3 mm
L7110733C1Rxxx	3×1.00 mm²	1×1.13 mm	2.20±0.10 mm	6.8±0.3 mm
L7110734C1Rxxx	3×1.50 mm²	1×1.38 mm	2.60±0.10 mm	7.7±0.3 mm
L7110735C1Rxxx	3×2.50 mm²	1×1.78 mm	3.20±0.10 mm	9.3±0.3 mm
L7110736C1Rxxx	3×4.00 mm²	1×2.25 mm	4.20±0.10 mm	11.5±0.3 mm
L7110737C1Rxxx	3×6.00 mm²	1×2.76 mm	5.00±0.10 mm	13.3±0.3 mm
L7110751C1Rxxx	4×0.50 mm²	1×0.80 mm	1.90±0.10 mm	6.8±0.3 mm
L7110752C1Rxxx	4×0.75 mm²	1×0.98 mm	2.00±0.10 mm	7.1±0.3 mm
L7110753C1Rxxx	4×1.00 mm²	1×1.13 mm	2.20±0.10 mm	7.7±0.3 mm
L7110754C1Rxxx	4×1.50 mm²	1×1.38 mm	2.60±0.10 mm	8.8±0.3 mm
L7110755C1Rxxx	4×2.50 mm²	1×1.78 mm	3.20±0.10 mm	10.2±0.3 mm
L7110756C1Rxxx	4×4.00 mm²	1×2.25 mm	4.20±0.10 mm	13.0±0.3 mm
L7110757C1Rxxx	4×6.00 mm²	1×2.76 mm	5.00±0.10 mm	15.1±0.3 mm

* Cable certified by L*** BRE GLOBAL
* If the cables are with a WHITE outer sheath the ZION CODE will change in: L*******C1**W*****
* CUSTOMIZED ITEMS: Printing on Sheath; Lable; Carton
* Conductor will be within the tolerance range: ±0.005mm

Zion Code Naming rules



BS 6387:2013 Cat.C-W-Z STR Flexible Cable

L*** Certificated

CONSTRUCTION

Conductors:
Plain annealed copper wire,
Class 5
Stranded

Insulation:
Ceramicized Silicon Rubber

Screen 1st:
Fibre Glass Tape, ＞110% Coverage

Drain Wire:
Tinned Copper; OD: 0.80mm

Screen 2nd:
Aluminum Polyester Tape, ＞120% Coverage

Outer Sheath:
Thermoplastic Low Smoke,Halogen Free

Sheath Color:
Red | White

REFERENCE STANDARDS

Flame Propagation
BS 6387:2013 Cat.C-W-Z
EN 50200:2015 Class PH120
EN 60332-3-24:2009
EN 60332-1-2:2004

Acidity
EN / IEC 60754-1:2014

Smoke Density
EN / IEC 61034-2:2005+A1:2013

TEMPERATURE RANGE

During Operation
-30℃ up to +180℃
During Installation
-5℃ up to +50℃

ELECTRICAL DATA

Insulation Resistance @ 20°C:
> 200 M Ohm*Km
Test Voltage Core-Core/ Core-Screen
2000 V / 2000V
Mutual Capacitance:
< 150 nF/km
Operating Voltage:
300/500 V

IDENTIFICATION OF CORES

2 cores
3 cores
4 cores

POPULAR PACKING

100M,300M,500M Wooden Spool

CHARACTERISTICS

Min. Bending Radius
8 x cable diameter

CABLE PRINTING

HANGZHOU ZION Fire Cables L* BS 6387:2013 Cat.C-W-Z STR FLEXIBLE**
300/500V ×C×SQMM+BATCH NO.+METER MARKING

L*** BS 6387:2013 Cat.C-W-Z STR Flexible Cable

ZION CODE	No of conductors x cross section [mm^2]	CONDUCTOR NOM.DIA [mm]	DIELECTRIC NOM.DIA [mm]	OUTER NOM.DIA [mm]
L7110801C5Rxxx	2×0.50 mm^2	16×0.20 mm	1.90±0.10 mm	5.9±0.3 mm
L7110802C5Rxxx	2×0.75 mm^2	24×0.20 mm	2.00±0.10 mm	6.2±0.3 mm
L7110803C5Rxxx	2×1.00 mm^2	32×0.20 mm	2.20±0.10 mm	6.7±0.3 mm
L7110804C5Rxxx	2×1.50 mm^2	30×0.25 mm	2.60±0.10 mm	7.4±0.3 mm
L7110805C5Rxxx	2×2.50 mm^2	50×0.25 mm	3.20±0.10 mm	8.7±0.3 mm
L7110806C5Rxxx	2×4.00 mm^2	81×0.25 mm	4.20±0.10 mm	10.6±0.3 mm
L7110807C5Rxxx	2×6.00 mm^2	122×0.25 mm	5.00±0.10 mm	12.0±0.3 mm
L7110831C5Rxxx	3×0.50 mm^2	16×0.20 mm	1.90±0.10 mm	6.1±0.3 mm
L7110832C5Rxxx	3×0.75 mm^2	24×0.20 mm	2.00±0.10 mm	6.4±0.3 mm
L7110833C5Rxxx	3×1.00 mm^2	32×0.20 mm	2.20±0.10 mm	6.8±0.3 mm
L7110834C5Rxxx	3×1.50 mm^2	30×0.25 mm	2.60±0.10 mm	7.7±0.3 mm
L7110835C5Rxxx	3×2.50 mm^2	50×0.25 mm	3.20±0.10 mm	9.3±0.3 mm
L7110836C5Rxxx	3×4.00 mm^2	81×0.25 mm	4.20±0.10 mm	11.5±0.3 mm
L7110837C5Rxxx	3×6.00 mm^2	122×0.25 mm	5.00±0.10 mm	13.3±0.3 mm
L7110851C5Rxxx	4×0.50 mm^2	16×0.20 mm	1.90±0.10 mm	6.8±0.3 mm
L7110852C5Rxxx	4×0.75 mm^2	24×0.20 mm	2.00±0.10 mm	7.1±0.3 mm
L7110853C5Rxxx	4×1.00 mm^2	32×0.20 mm	2.20±0.10 mm	7.7±0.3 mm
L7110854C5Rxxx	4×1.50 mm^2	30×0.25 mm	2.60±0.10 mm	8.8±0.3 mm
L7110855C5Rxxx	4×2.50 mm^2	50×0.25 mm	3.20±0.10 mm	10.2±0.3 mm
L7110856C5Rxxx	4×4.00 mm^2	81×0.25 mm	4.20±0.10 mm	13.0±0.3 mm
L7110857C5Rxxx	4×6.00 mm^2	122×0.25 mm	5.00±0.10 mm	15.1±0.3 mm

* Cable certified by L*** BRE GLOBAL
* If the cables are with a WHITE outer sheath the ZION CODE will change in: L*******C5**W*****
* CUSTOMIZED ITEMS: Printing on Sheath; Lable; Carton
* Conductor will be within the tolerance range: ±0.005mm

Zion Code Naming rules

L 7110801 C5 R ×××

L*** Zion SKU Class 5 Sheath Color Cable length

BS 6387:2013 Cat.C-W-Z Solid Cable

L*** Certificated

CONSTRUCTION

Conductors:
Plain annealed copper wire,
Class 1
Solid

Insulation:
Ceramicized Silicon Rubber

Screen 1st:
Fibre Glass Tape, ＞110% Coverage

Drain Wire:
Tinned Copper; OD: 0.80mm

Screen 2nd:
Aluminum Polyester Tape, ＞120% Coverage

Outer Sheath:
Thermoplastic Low Smoke,Halogen Free

Sheath Color:
Red | White

REFERENCE STANDARDS

Flame Propagation
BS 6387:2013 Cat.C-W-Z
EN 50200:2015 Class PH120
EN 60332-3-24:2009
EN 60332-1-2:2004

Acidity
EN / IEC 60754-1:2014

Smoke Density
EN / IEC 61034-2:2005+A1:2013

TEMPERATURE RANGE

During Operation
-30℃ up to +180℃
During Installation
-5℃ up to +50℃

ELECTRICAL DATA

Insulation Resistance @ 20°C:
> 200 M Ohm*Km
Test Voltage Core-Core/ Core-Screen
2000 V / 2000V
Mutual Capacitance:
< 150 nF/km
Operating Voltage:
300/500 V

IDENTIFICATION OF CORES

2 cores
3 cores
4 cores

POPULAR PACKING

100M,300M,500M Wooden Spool

CHARACTERISTICS

Min. Bending Radius
8 x cable diameter

CABLE PRINTING

HANGZHOU ZION Fire Cables L* BS 6387:2013 Cat.C-W-Z Solid**
300/500V ×C×SQMM+BATCH NO.+METER MARKING

L*** BS 6387:2013 Cat.C-W-Z Solid Cable

ZION CODE	No of conductors x cross section [mm²]	CONDUCTOR NOM.DIA [mm]	DIELECTRIC NOM.DIA [mm]	OUTER NOM.DIA [mm]
L7110801C1Rxxx	2×0.50 mm²	1×0.80 mm	1.90±0.10 mm	5.9±0.3 mm
L7110802C1Rxxx	2×0.75 mm²	1×0.98 mm	2.00±0.10 mm	6.2±0.3 mm
L7110803C1Rxxx	2×1.00 mm²	1×1.13 mm	2.20±0.10 mm	6.7±0.3 mm
L7110804C1Rxxx	2×1.50 mm²	1×1.38 mm	2.60±0.10 mm	7.4±0.3 mm
L7110805C1Rxxx	2×2.50 mm²	1×1.78 mm	3.20±0.10 mm	8.7±0.3 mm
L7110806C1Rxxx	2×4.00 mm²	1×2.25 mm	4.20±0.10 mm	10.6±0.3 mm
L7110807C1Rxxx	2×6.00 mm²	1×2.76 mm	5.00±0.10 mm	12.0±0.3 mm
L7110831C1Rxxx	3×0.50 mm²	1×0.80 mm	1.90±0.10 mm	6.1±0.3 mm
L7110832C1Rxxx	3×0.75 mm²	1×0.98 mm	2.00±0.10 mm	6.4±0.3 mm
L7110833C1Rxxx	3×1.00 mm²	1×1.13 mm	2.20±0.10 mm	6.8±0.3 mm
L7110834C1Rxxx	3×1.50 mm²	1×1.38 mm	2.60±0.10 mm	7.7±0.3 mm
L7110835C1Rxxx	3×2.50 mm²	1×1.78 mm	3.20±0.10 mm	9.3±0.3 mm
L7110836C1Rxxx	3×4.00 mm²	1×2.25 mm	4.20±0.10 mm	11.5±0.3 mm
L7110837C1Rxxx	3×6.00 mm²	1×2.76 mm	5.00±0.10 mm	13.3±0.3 mm
L7110851C1Rxxx	4×0.50 mm²	1×0.80 mm	1.90±0.10 mm	6.8±0.3 mm
L7110852C1Rxxx	4×0.75 mm²	1×0.98 mm	2.00±0.10 mm	7.1±0.3 mm
L7110853C1Rxxx	4×1.00 mm²	1×1.13 mm	2.20±0.10 mm	7.7±0.3 mm
L7110854C1Rxxx	4×1.50 mm²	1×1.38 mm	2.60±0.10 mm	8.8±0.3 mm
L7110855C1Rxxx	4×2.50 mm²	1×1.78 mm	3.20±0.10 mm	10.2±0.3 mm
L7110856C1Rxxx	4×4.00 mm²	1×2.25 mm	4.20±0.10 mm	13.0±0.3 mm
L7110857C1Rxxx	4×6.00 mm²	1×2.76 mm	5.00±0.10 mm	15.1±0.3 mm

* Cable certified by L*** BRE GLOBAL
* If the cables are with a WHITE outer sheath the ZION CODE will change in: L*******C1**W*****
* CUSTOMIZED ITEMS: Printing on Sheath; Lable; Carton
* Conductor will be within the tolerance range: ±0.005mm

Zion Code Naming rules

L 7110801 C1 R ×××

L*** Zion SKU Class 1 Sheath Color Cable length

EN 50200:2015 Class PH 120 STR Flexible Cable

UL Certificate Number: UL-US-2319226-1

CONSTRUCTION

Conductors:
Plain annealed copper wire,
Class 5
STR Flexible

Insulation:
Special Mix Silicon Rubber

Screen 1st:
Fibre Glass Tape, ＞110% Coverage

Drain Wire:
Tinned Copper; OD: 0.80mm

Screen 2nd:
Aluminum Polyester Tape, ＞120% Coverage

Outer Sheath:
Thermoplastic Low Smoke,Halogen Free

Sheath Color:
Red | White | Orange

REFERENCE STANDARDS

Flame Propagation
EN 50200:2015 Class PH120

Acidity
EN / IEC 60754-1:2014

Smoke Density
EN / IEC 61034-2:2005+A1:2013

TEMPERATURE RANGE

During Operation
-30℃ up to +180℃
During Installation
-5℃ up to +50℃

ELECTRICAL DATA

Insulation Resistance @ 20°C:
> 200 M Ohm*Km
Test Voltage Core-Core/ Core-Screen
2000 V / 2000V
Mutual Capacitance:
< 150 nF/km
Operating Voltage:
300/500 V

IDENTIFICATION OF CORES

2 cores
3 cores
4 cores

POPULAR PACKING

100M,300M,500M Wooden Spool

CHARACTERISTICS

Min. Bending Radius
8 x cable diameter

CABLE PRINTING

HANGZHOU ZION Fire Cables UL EN50200:2015 Class PH120 STR Flexible
300/500V ×C×SQMM+BATCH NO.+METER MARKING

UL EN 50200:2015 Class PH 120 CABLE STR Flexible

ZION CODE	No of conductors x cross section [mm²]	CONDUCTOR NOM.DIA [mm]	DIELECTRIC NOM.DIA [mm]	OUTER NOM.DIA [mm]
U7110441C5R×××	2×0.50 mm²	16×0.20 mm	1.90±0.10 mm	5.9±0.3 mm
U7110442C5R×××	2×0.75 mm²	24×0.20 mm	2.00±0.10 mm	6.2±0.3 mm
U7110451C5R×××	2×1.00 mm²	32×0.20 mm	2.20±0.10 mm	6.7±0.3 mm
U7110452C5R×××	2×1.50 mm²	30×0.25 mm	2.60±0.10 mm	7.4±0.3 mm
U7110453C5R×××	2×2.50 mm²	50×0.25 mm	3.20±0.10 mm	8.7±0.3 mm
U7110454C5R×××	2×4.00 mm²	81×0.25 mm	4.20±0.10 mm	10.6±0.3 mm
U7110455C5R×××	2×6.00 mm²	122×0.25 mm	5.00±0.10 mm	12.0±0.3 mm
U7110443C5R×××	3×0.50 mm²	16×0.20 mm	1.90±0.10 mm	6.1±0.3 mm
U7110444C5R×××	3×0.75 mm²	24×0.20 mm	2.00±0.10 mm	6.4±0.3 mm
U7110456C5R×××	3×1.00 mm²	32×0.20 mm	2.20±0.10 mm	6.8±0.3 mm
U7110457C5R×××	3×1.50 mm²	30×0.25 mm	2.60±0.10 mm	7.7±0.3 mm
U7110458C5R×××	3×2.50 mm²	50×0.25 mm	3.20±0.10 mm	9.3±0.3 mm
U7110459C5R×××	3×4.00 mm²	81×0.25 mm	4.20±0.10 mm	11.5±0.3 mm
U7110470C5R×××	3×6.00 mm²	122×0.25 mm	5.00±0.10 mm	13.3±0.3 mm
U7110445C5R×××	4×0.50 mm²	16×0.20 mm	1.90±0.10 mm	6.8±0.3 mm
U7110446C5R×××	4×0.75 mm²	24×0.20 mm	2.00±0.10 mm	7.1±0.3 mm
U7110460C5R×××	4×1.00 mm²	32×0.20 mm	2.20±0.10 mm	7.7±0.3 mm
U7110461C5R×××	4×1.50 mm²	30×0.25 mm	2.60±0.10 mm	8.8±0.3 mm
U7110462C5R×××	4×2.50 mm²	50×0.25 mm	3.20±0.10 mm	10.2±0.3 mm
U7110463C5R×××	4×4.00 mm²	81×0.25 mm	4.20±0.10 mm	13.0±0.3 mm
U7110472C5R×××	4×6.00 mm²	122×0.25 mm	5.00±0.10 mm	15.1±0.3 mm

* Cable certified by UL GLOBAL
* If the cables are with a WHITE outer sheath the ZION CODE will change in: U*******C5**W*****
* CUSTOMIZED ITEMS: Printing on Sheath; Lable; Carton
* Conductor will be within the tolerance range: ±0.005mm

Zion Code Naming rules

U 7110441 C5 R ×××

UL | Zion SKU | Class 5 | Sheath Color | Cable length

EN 50200:2015 Class PH 120 Solid Cable

UL Certificate Number: UL-US-2319226-1

CONSTRUCTION

Conductors:
Plain annealed copper wire,
Class 1
Solid

Insulation:
Special Mix Silicon Rubber

Screen 1st:
Fibre Glass Tape, ＞110% Coverage

Drain Wire:
Tinned Copper; OD: 0.80mm

Screen 2nd:
Aluminum Polyester Tape, ＞120% Coverage

Outer Sheath:
Thermoplastic Low Smoke,Halogen Free

Sheath Color:
Red | White | Orange

REFERENCE STANDARDS

Flame Propagation
EN 50200:2015 Class PH120

Acidity
EN / IEC 60754-1:2014

Smoke Density
EN / IEC 61034-2:2005+A1:2013

TEMPERATURE RANGE

During Operation
-30℃ up to +180℃
During Installation
-5℃ up to +50℃

ELECTRICAL DATA

Insulation Resistance @ 20°C:
> 200 M Ohm*Km
Test Voltage Core-Core/ Core-Screen
2000 V / 2000V
Mutual Capacitance:
< 150 nF/km
Operating Voltage:
300/500 V

IDENTIFICATION OF CORES

2 cores
3 cores
4 cores

POPULAR PACKING

100M,300M,500M Wooden Spool

CHARACTERISTICS

Min. Bending Radius
8 x cable diameter

CABLE PRINTING

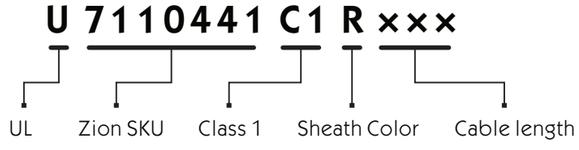
HANGZHOU ZION Fire Cables UL EN50200:2015 Class PH120 Solid
300/500V ×C×SQMM+BATCH NO.+METER MARKING

UL EN 50200:2015 Class PH 120 CABLE SOLID

ZION CODE	No of conductors x cross section [mm^2]	CONDUCTOR NOM.DIA [mm]	DIELECTRIC NOM.DIA [mm]	OUTER NOM.DIA [mm]
U7110441C1Rxxx	2×0.50 mm^2	1×0.80 mm	1.90±0.10 mm	5.9±0.3 mm
U7110442C1Rxxx	2×0.75 mm^2	1×0.98 mm	2.00±0.10 mm	6.2±0.3 mm
U7110451C1Rxxx	2×1.00 mm^2	1×1.13 mm	2.20±0.10 mm	6.7±0.3 mm
U7110452C1Rxxx	2×1.50 mm^2	1×1.38 mm	2.60±0.10 mm	7.4±0.3 mm
U7110453C1Rxxx	2×2.50 mm^2	1×1.78 mm	3.20±0.10 mm	8.7±0.3 mm
U7110454C1Rxxx	2×4.00 mm^2	1×2.25 mm	4.20±0.10 mm	10.6±0.3 mm
U7110455C1Rxxx	2×6.00 mm^2	1×2.76 mm	5.00±0.10 mm	12.0±0.3 mm
U7110443C1Rxxx	3×0.50 mm^2	1×0.80 mm	1.90±0.10 mm	6.1±0.3 mm
U7110444C1Rxxx	3×0.75 mm^2	1×0.98 mm	2.00±0.10 mm	6.4±0.3 mm
U7110456C1Rxxx	3×1.00 mm^2	1×1.13 mm	2.20±0.10 mm	6.8±0.3 mm
U7110457C1Rxxx	3×1.50 mm^2	1×1.38 mm	2.60±0.10 mm	7.7±0.3 mm
U7110458C1Rxxx	3×2.50 mm^2	1×1.78 mm	3.20±0.10 mm	9.3±0.3 mm
U7110459C1Rxxx	3×4.00 mm^2	1×2.25 mm	4.20±0.10 mm	11.5±0.3 mm
U7110470C1Rxxx	3×6.00 mm^2	1×2.76 mm	5.00±0.10 mm	13.3±0.3 mm
U7110445C1Rxxx	4×0.50 mm^2	1×0.80 mm	1.90±0.10 mm	6.8±0.3 mm
U7110446C1Rxxx	4×0.75 mm^2	1×0.98 mm	2.00±0.10 mm	7.1±0.3 mm
U7110460C1Rxxx	4×1.00 mm^2	1×1.13 mm	2.20±0.10 mm	7.7±0.3 mm
U7110461C1Rxxx	4×1.50 mm^2	1×1.38 mm	2.60±0.10 mm	8.8±0.3 mm
U7110462C1Rxxx	4×2.50 mm^2	1×1.78 mm	3.20±0.10 mm	10.2±0.3 mm
U7110463C1Rxxx	4×4.00 mm^2	1×2.25 mm	4.20±0.10 mm	13.0±0.3 mm
U7110472C1Rxxx	4×6.00 mm^2	1×2.76 mm	5.00±0.10 mm	15.1±0.3 mm

* Cable certified by UL GLOBAL
* If the cables are with a WHITE outer sheath the ZION CODE will change in: U*******C1**W*****
* CUSTOMIZED ITEMS: Printing on Sheath; Lable; Carton
* Conductor will be within the tolerance range: ±0.005mm

Zion Code Naming rules



EN 50575:2014 +A1:2016 CPR Cca s1b,do,a1 Cable

CPR Cca Certificated

CONSTRUCTION

Conductors:
Plain annealed copper wire,
Class 5
STR Flexible

Insulation:
Special Mix Silicon Rubber

Screen 1st:
Fibre Glass Tape, ＞110% Coverage

Drain Wire:
Tinned Copper; OD: 0.80mm

Screen 2nd:
Aluminum Polyester Tape, ＞120% Coverage

Outer Sheath:
Thermoplastic Low Smoke,Halogen Free

Sheath Color:
Red | White | Orange

REFERENCE STANDARDS

EU No 305/2011: CPR-Cables
EN 50575:2014+A1:2016
EN 50399
EN 60332-1-2
EN 61034-2:2005+A2:2013
EN 60754-1:2014
EN 60754-2:2014

TEMPERATURE RANGE

During Operation
-30℃ up to +180℃
During Installation
-5℃ up to +50℃

ELECTRICAL DATA

Insulation Resistance @ 20°C:
> 200 M Ohm*Km
Test Voltage Core-Core/ Core-Screen
2000 V / 2000V
Mutual Capacitance:
< 150 nF/km
Operating Voltage:
300/500 V

IDENTIFICATION OF CORES

2 cores
3 cores
4 cores

POPULAR PACKING

100M,300M,500M Wooden Spool

CHARACTERISTICS

Min. Bending Radius
8 x cable diameter

CABLE PRINTING

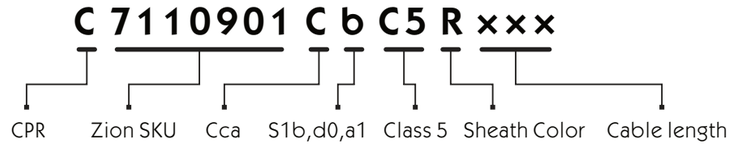
HANGZHOU ZION Fire Cables CPR EN 50575:2014+A1:2016 Cca s1b,d0,a1 STR Flexible 300/500V ×C×SQMM+BATCH NO.+METER MARKING

EN 50575:2014 +A1:2016 CPR Cca s1b,do,a1 Cable

ZION CODE	No of conductors x cross section [mm^2]	CONDUCTOR NOM.DIA [mm]	DIELECTRIC NOM.DIA [mm]	OUTER NOM.DIA [mm]
C7110901CbC5Rxx	2×0.50 mm^2	16×0.20 mm	1.90±0.10 mm	5.9±0.3 mm
C7110902CbC5Rxx	2×0.75 mm^2	24×0.20 mm	2.00±0.10 mm	6.2±0.3 mm
C7110903CbC5Rxx	2×1.00 mm^2	32×0.20 mm	2.20±0.10 mm	6.7±0.3 mm
C7110904CbC5Rxx	2×1.50 mm^2	30×0.25 mm	2.60±0.10 mm	7.4±0.3 mm
C7110905CbC5Rxx	2×2.00 mm^2	45×0.25 mm	3.00±0.10 mm	8.2±0.3 mm
C7110906CbC5Rxx	2×2.50 mm^2	50×0.25 mm	3.20±0.10 mm	8.7±0.3 mm
C7110907CbC5Rxx	2×4.00 mm^2	81×0.25 mm	4.20±0.10 mm	10.6±0.3 mm
C7110908CbC5Rxx	2×6.00 mm^2	122×0.25 mm	5.00±0.10 mm	12.0±0.3 mm
C7110931CbC5Rxx	3×0.50 mm^2	16×0.20 mm	1.90±0.10 mm	6.1±0.3 mm
C7110932CbC5Rxx	3×0.75 mm^2	24×0.20 mm	2.00±0.10 mm	6.4±0.3 mm
C7110933CbC5Rxx	3×1.00 mm^2	32×0.20 mm	2.20±0.10 mm	6.8±0.3 mm
C7110934CbC5Rxx	3×1.50 mm^2	30×0.25 mm	2.60±0.10 mm	7.7±0.3 mm
C7110935CbC5Rxx	3×2.00 mm^2	45×0.25 mm	3.00±0.10 mm	8.7±0.3 mm
C7110936CbC5Rxx	3×2.50 mm^2	50×0.25 mm	3.20±0.10 mm	9.3±0.3 mm
C7110937CbC5Rxx	3×4.00 mm^2	81×0.25 mm	4.20±0.10 mm	11.5±0.3 mm
C7110938CbC5Rxx	3×6.00 mm^2	122×0.25 mm	5.00±0.10 mm	13.3±0.3 mm
C7110951CbC5Rxx	4×0.50 mm^2	16×0.20 mm	1.90±0.10 mm	6.8±0.3 mm
C7110952CbC5Rxx	4×0.75 mm^2	24×0.20 mm	2.00±0.10 mm	7.1±0.3 mm
C7110953CbC5Rxx	4×1.00 mm^2	32×0.20 mm	2.20±0.10 mm	7.7±0.3 mm
C7110954CbC5Rxx	4×1.50 mm^2	30×0.25 mm	2.60±0.10 mm	8.8±0.3 mm
C7110955CbC5Rxx	4×2.00 mm^2	45×0.25 mm	3.00±0.10 mm	9.8±0.3 mm
C7110956CbC5Rxx	4×2.50 mm^2	50×0.25 mm	3.20±0.10 mm	10.2±0.3 mm
C7110957CbC5Rxx	4×4.00 mm^2	81×0.25 mm	4.20±0.10 mm	13.0±0.3 mm
C7110958CbC5Rxx	4×6.00 mm^2	122×0.25 mm	5.00±0.10 mm	15.1±0.3 mm

* Cable certified by EU No 305/2011 CPR-Cables
* If the smoke test standard is s1 then the ZION code will change in with "b"
* If the cables are with a WHITE outer sheath the ZION CODE will change in: C*******C5**W*****
* CUSTOMIZED ITEMS: Printing on Sheath; Lable; Carton
* Conductor will be within the tolerance range: ±0.005mm

Zion Code Naming rules



EN 50200:2015 Class PH 30 STR Flexible Cable

CONSTRUCTION

Conductors:
Plain annealed copper wire,
Class 5
STR Flexible

Insulation:
Special Mix Silicon Rubber

Screen 1st:
PET Foil, ＞120% Coverage

Drain Wire:
Tinned Copper; OD: 0.80mm

Screen 2nd:
Aluminum Polyester Tape, ＞120% Coverage

Outer Sheath:
Thermoplastic Low Smoke,Halogen Free

Sheath Color:
Red | White | Orange

REFERENCE STANDARDS

Flame Propagation
EN 50200:2015 Class PH30
IEC 60331-21:1999

Acidity
EN / IEC 60754-1:2014

Smoke Density
EN / IEC 61034-2:2005+A1:2013

TEMPERATURE RANGE

During Operation
-30℃ up to +180℃
During Installation
-5℃ up to +50℃

ELECTRICAL DATA

Insulation Resistance @ 20°C:
> 200 M Ohm*Km
Test Voltage Core-Core/ Core-Screen
2000 V / 2000V
Mutual Capacitance:
< 150 nF/km
Operating Voltage:
300/500 V

IDENTIFICATION OF CORES

2 cores
3 cores
4 cores

POPULAR PACKING

100M,300M,500M Wooden Spool

CHARACTERISTICS

Min. Bending Radius
8 x cable diameter

CABLE PRINTING

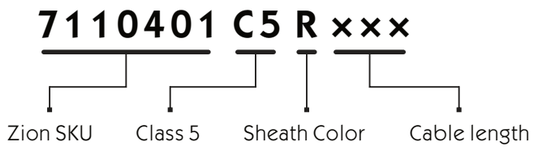
HANGZHOU ZION Fire Cables EN50200:2015 Class PH30 STR Flexible
300/500V ×C×SQMM+BATCH NO.+METER MARKING

EN 50200:2015 Class PH 30 CABLE STR Flexible

ZION CODE	No of conductors x cross section [mm²]	CONDUCTOR NOM.DIA [mm]	DIELECTRIC NOM.DIA [mm]	OUTER NOM.DIA [mm]
7110401C5R×××	2×1.00 mm²	32×0.20 mm	2.20±0.10 mm	6.1±0.2 mm
7110402C5R×××	2×1.50 mm²	30×0.25 mm	2.60±0.10 mm	7.1±0.2 mm
7110403C5R×××	2×2.50 mm²	50×0.25 mm	3.20±0.10 mm	8.3±0.2 mm
7110404C5R×××	2×4.00 mm²	81×0.25 mm	4.20±0.10 mm	9.6±0.2 mm
7110405C5R×××	2×6.00 mm²	122×0.25 mm	5.00±0.10 mm	11.5±0.2 mm
7110406C5R×××	3×1.00 mm²	32×0.20 mm	2.20±0.10 mm	6.5±0.2 mm
7110407C5R×××	3×1.50 mm²	30×0.25 mm	2.60±0.10 mm	7.4±0.2 mm
7110408C5R×××	3×2.50 mm²	50×0.25 mm	3.20±0.10 mm	8.7±0.2 mm
7110409C5R×××	3×4.00 mm²	81×0.25 mm	4.20±0.10 mm	10.1±0.2 mm
7110410C5R×××	4×1.00 mm²	32×0.20 mm	2.20±0.10 mm	7.1±0.2 mm
7110411C5R×××	4×1.50 mm²	30×0.25 mm	2.60±0.10 mm	8.2±0.2 mm
7110412C5R×××	4×2.50 mm²	50×0.25 mm	3.20±0.10 mm	9.8±0.2 mm
7110413C5R×××	4×4.00 mm²	81×0.25 mm	4.20±0.10 mm	11.4±0.2 mm

* Cable certified by EU No 305/2011 CPR-Cables
* If the smoke test standard is s1 then the ZION code will change in with "b"
* If the cables are with a WHITE outer sheath the ZION CODE will change in: C*******C5**W*****
* CUSTOMIZED ITEMS: Printing on Sheath; Lable; Carton
* Conductor will be within the tolerance range: ±0.005mm

Zion Code Naming rules



BS 7629-1:2015 Standard 60 STR Flexible Cable

CONSTRUCTION

Conductors:
Plain annealed copper wire,
Class 5
STR Flexible

Insulation:
Special Mix Silicon Rubber

Screen 1st:
PET Foil, ＞120% Coverage

Drain Wire:
Tinned Copper; OD: 0.80mm

Screen 2nd:
Aluminum Polyester Tape, ＞120% Coverage

Outer Sheath:
Thermoplastic Low Smoke,Halogen Free

Sheath Color:
Red | White | Orange

REFERENCE STANDARDS

Flame Propagation
BS 7629-1:2015 (Standard 60)
BS 6387:2013(CWZ)
EN 50200:2015 Annex E(30 mins)
BS 5839-1:2013(Clause 26.2d standard)

Acidity
EN / IEC 60754-1:2014

Smoke Density
EN / IEC 61034-2:2005+A1:2013

TEMPERATURE RANGE

During Operation
-30℃ up to +180℃
During Installation
-5℃ up to +50℃

ELECTRICAL DATA

Insulation Resistance @ 20°C:
> 200 M Ohm*Km
Test Voltage Core-Core/ Core-Screen
2000 V / 2000V
Mutual Capacitance:
< 150 nF/km
Operating Voltage:
300/500 V

IDENTIFICATION OF CORES

2 cores
3 cores
4 cores

POPULAR PACKING

100M,300M,500M Wooden Spool

CHARACTERISTICS

Min. Bending Radius
8 x cable diameter

CABLE PRINTING

HANGZHOU ZION Fire Cables BS 7629-1:2015 (Standard 60) STR Flexible
300/500V ×C×SQMM+BATCH NO.+METER MARKING

BS 7629-1:2015 Standard 60 STR Flexible Fire Cables

ZION CODE	No of conductors x cross section [mm^2]	CONDUCTOR NOM.DIA [mm]	DIELECTRIC NOM.DIA [mm]	OUTER NOM.DIA [mm]
7113101C5Rxxx	2×1.00 mm^2	32×0.20 mm	2.20±0.10 mm	6.1±0.2 mm
7113102C5Rxxx	2×1.50 mm^2	30×0.25 mm	2.60±0.10 mm	7.1±0.2 mm
7113103C5Rxxx	2×2.50 mm^2	50×0.25 mm	3.20±0.10 mm	8.3±0.2 mm
7113104C5Rxxx	2×4.00 mm^2	81×0.25 mm	4.20±0.10 mm	9.6±0.2 mm
7113105C5Rxxx	2×6.00 mm^2	122×0.25 mm	5.00±0.10 mm	11.5±0.2 mm
7113106C5Rxxx	3×1.00 mm^2	32×0.20 mm	2.20±0.10 mm	6.5±0.2 mm
7113207C5Rxxx	3×1.50 mm^2	30×0.25 mm	2.60±0.10 mm	7.4±0.2 mm
7113308C5Rxxx	3×2.50 mm^2	50×0.25 mm	3.20±0.10 mm	8.7±0.2 mm
7113109C5Rxxx	3×4.00 mm^2	81×0.25 mm	4.20±0.10 mm	10.1±0.2 mm
7113110C5Rxxx	4×1.00 mm^2	32×0.20 mm	2.20±0.10 mm	7.1±0.2 mm
7113111C5Rxxx	4×1.50 mm^2	30×0.25 mm	2.60±0.10 mm	8.2±0.2 mm
7113112C5Rxxx	4×2.50 mm^2	50×0.25 mm	3.20±0.10 mm	9.8±0.2 mm
7113113C5Rxxx	4×4.00 mm^2	81×0.25 mm	4.20±0.10 mm	11.4±0.2 mm

* Cable tested as BS 7629-1:2015 Standard 60
* If the cables are with a WHITE outer sheath the ZION CODE will change in: 7******C5**W*****
* CUSTOMIZED ITEMS: Printing on Sheath; Lable; Carton
* Conductor will be within the tolerance range: ±0.005mm

Zion Code Naming rules

7113101 C5 R ×××

Zion SKU | Class 5 | Sheath Color | Cable length

JE-H(St)H...Bd FE180-E30/E90 Solid Fire Cable

Fire Communication cable with circuit integrity

CONSTRUCTION

Conductors:
Plain annealed copper wire,
Class 1
Solid

Insulation:
FRNC-compound HI 1

Screen 1st:
Fibre Foil, ＞120% Coverage

Drain Wire:
Tinned Copper; OD: 0.80mm

Screen 2nd:
Aluminum Polyester Tape, ＞120% Coverage

Outer Sheath:
FRNC-compound HM2

Sheath Color:
Orange

REFERENCE STANDARDS

Flame Propagation
VDE 0482-266-2-4/IEC 60332-3-24

Fire Resistant
VDE 0472-814/IEC 60331-11(FE 180)

Circuit Integrity
E30/E90: DIN 4102-12

Halogen Free
DIN EN 50267/IEC 60754

Smoke Density
DIN EN 61034/IEC 61034

TEMPERATURE RANGE

During Operation
-30℃ up to +180℃
During Installation
-5℃ up to +50℃

ELECTRICAL DATA

Insulation Resistance @ 20°C:
> 100 M Ohm*Km

Test Voltage Core-Core/ Core-Screen
500 V / 2000V

Mutual Capacitance:
< 120 nF/km at 800 Hz

Peak Operating Voltage:
225 V

IDENTIFICATION OF CORES

Colours acc. to VDE 0815

POPULAR PACKING

100M,300M,500M Wooden Spool

CHARACTERISTICS

Min. Bending Radius
7.5 x cable diameter

CABLE PRINTING

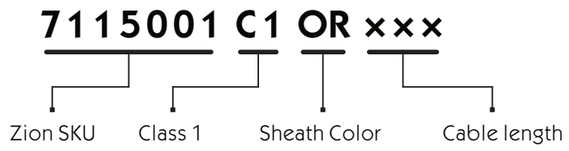
HANGZHOU ZION Fire Cables JE-H(St)H...Bd FE180/E30-E90 Solid ×C×SQMM+BATCH NO.+METER MARKING

JE-H(St)H FE180-E30/E90 Solid Fire Cables

ZION CODE	No of conductors x cross section [mm²]	CONDUCTOR NOM.DIA [mm]	DIELECTRIC NOM.DIA [mm]	OUTER NOM.DIA [mm]
7115001C1ORxxx	1×2×0.8	0.8±0.005 mm	12	6.1±0.2 mm
7115002C1ORxxx	2×2×0.8	0.8±0.005 mm	25	7.1±0.2 mm
7115003C1ORxxx	4×2×0.8	0.8±0.005 mm	45	8.3±0.2 mm
7115004C1ORxxx	8×2×0.8	0.8±0.005 mm	85	9.6±0.2 mm
7115005C1ORxxx	12×2×0.8	0.8±0.005 mm	126	11.5±0.2 mm
7115006C1ORxxx	16×2×0.8	0.8±0.005 mm	166	6.5±0.2 mm
7115007C1ORxxx	20×2×0.8	0.8±0.005 mm	206	7.4±0.2 mm
7115008C1ORxxx	32×2×0.8	0.8±0.005 mm	326	8.7±0.2 mm
7115009C1ORxxx	40×2×0.8	0.8±0.005 mm	407	10.1±0.2 mm
7115010C1ORxxx	52×2×0.8	0.8±0.005 mm	529	7.1±0.2 mm

* Cable tested as VDE 0472 / VDE 0482
* If the cables are with a WHITE outer sheath the ZION CODE will change in: 7******C5**W*****
* CUSTOMIZED ITEMS: Printing on Sheath; Lable; Carton
* Conductor will be within the tolerance range: ±0.005mm

Zion Code Naming rules



UL Fire Alarm Cable Plenum Rated Unshielded

UL Certificate Number: E541137

CONSTRUCTION

Conductors:
Plain annealed copper wire,
SOL = Solid = Class 1
STR = Stranded = Class 2 or Class 5
Insulation:
LS-PVC
Screen 1st:
Unshielded
Drain Wire:
Without
Ripcord
With
Outer Sheath:
LS-PVC
Sheath Color:
Red /White/ More...

REFERENCE STANDARDS

NEC Article 725
NEC Article 760
UL 13 CL2P/CL3P
NFPA 262
ANSI/NFPA 70
UL 1581
UL 910

TEMPERATURE RANGE

During Operation
-20℃ up to +75℃
During Installation
0℃ up to +65℃

ELECTRICAL DATA

Operating Voltage:
300V max.

IDENTIFICATION OF CORES

Black / **Red** / **Green** / **Yellow**

POPULAR PACKING

500 ft packages, reel or pull box
1000 ft packages, reel or pull box

CHARACTERISTICS

Min. Bending Radius
7.5 x cable diameter

CABLE PRINTING

HANGZHOU ZION Fire Cables SKU ×AWG×C 75C E***** (UL/ETL) SOL/STR Unshielded CL2P/CL3P SUN RES(ROHS) +BATCH NO.+FT DEVICE/ZONE MARKING**

UL Fire Alarm Cable Plenum Unshielded Solid BC

ZION CODE	Type	AWG	#/C	NOM.DIA. [mm]	Jacket Color	UL/NEC
7110041SOLURxxx	18/2 SOL BC Plenum	18	2	3.45	Red	CL2P/CL3P
7110042SOLURxxx	18/4 SOL BC Plenum	18	4	4.05	Red	CL2P/CL3P
7110043SOLURxxx	18/6 SOL BC Plenum	18	6	4.90	Red	CL2P/CL3P
7110044SOLURxxx	16/2 SOL BC Plenum	16	2	3.90	Red	CL2P/CL3P
7110045SOLURxxx	16/4 SOL BC Plenum	16	4	4.60	Red	CL2P/CL3P
7110046SOLURxxx	14/2 SOL BC Plenum	14	2	4.60	Red	CL2P/CL3P
7110047SOLURxxx	14/4 SOL BC Plenum	14	4	6.25	Red	CL2P/CL3P
7110048SOLURxxx	12/2 SOL BC Plenum	12	2	6.25	Red	CL2P/CL3P

UL Fire Alarm Cable Plenum Unshielded Stranded BC

ZION CODE	Type	AWG	#/C	NOM.DIA. [mm]	Jacket Color	UL/NEC
7110241STRURxxx	18/2 STR BC Plenum	18	2	3.85	Red	CL2P/CL3P
7110242STRURxxx	18/4 STR BC Plenum	18	4	4.40	Red	CL2P/CL3P
7110243STRURxxx	18/6 STR BC Plenum	18	6	5.28	Red	CL2P/CL3P
7110244STRURxxx	16/2 STR BC Plenum	16	2	4.31	Red	CL2P/CL3P
7110245STRURxxx	16/4 STR BC Plenum	16	4	4.97	Red	CL2P/CL3P
7110246STRURxxx	14/2 STR BC Plenum	14	2	4.97	Red	CL2P/CL3P
7110247STRURxxx	14/4 STR BC Plenum	14	4	6.65	Red	CL2P/CL3P
7110248STRURxxx	12/2 STR BC Plenum	12	2	6.65	Red	CL2P/CL3P

* Cable tested by UL Global
* If the cables are with a WHITE outer sheath the ZION CODE will change in: 7******STRU**W*****
* CUSTOMIZED ITEMS: Printing on Sheath; Lable; Carton
* Conductor will be within the tolerance range: ±0.005mm
* OD of Jacket will be within the tolerance range: ±0.3mm

Zion Code Naming rules

7110041 SOL U R ×××

Zion SKU | Solid = Class 1 | Unshielded | Sheath Color | Cable length

7110241 STR U R ×××

Zion SKU | Stranded = Class 2 or Class 5 | Unshielded | Sheath Color | Cable length

UL Fire Alarm Cable Plenum Rated Shielded

UL Certificate Number: E541137

CONSTRUCTION

Conductors:
Plain annealed copper wire,
SOL = Solid = Class 1
STR = Stranded = Class 2 or Class 5
Insulation:
LS-PVC
Drain Wire:
Tinned Copper drain wire
Screen
Aluminum Mylar Tape
Ripcord
With
Outer Sheath:
LS-PVC
Sheath Color:
Red /White/ More...

REFERENCE STANDARDS

NEC Article 725
NEC Article 760
UL 13 CL2P/CL3P
NFPA 262
ANSI/NFPA 70
UL 1581
UL 910

TEMPERATURE RANGE

During Operation
-20℃ up to +75℃
During Installation
0℃ up to +65℃

ELECTRICAL DATA

Operating Voltage:
300V max.

IDENTIFICATION OF CORES

Black / **Red** / **Green** / **Yellow**

POPULAR PACKING

500 ft packages, reel or pull box
1000 ft packages, reel or pull box

CHARACTERISTICS

Min. Bending Radius
7.5 x cable diameter

CABLE PRINTING

HANGZHOU ZION Fire Cables SKU ×AWG×C 75C E***** (UL/ETL) SOL/STR Shielded CL2P/CL3P SUN RES(ROHS) +BATCH NO.+FT DEVICE/ZONE MARKING**

UL Fire Alarm Cable Plenum Shielded Solid BC

ZION CODE	Type	AWG	#/C	NOM.DIA. [mm]	Jacket Color	UL/NEC
7110142SOLSRxxx	18/2 SOL BC Plenum	18	2	3.57	Red	CL2P/CL3P
7110143SOLSRxxx	18/4 SOL BC Plenum	18	4	4.27	Red	CL2P/CL3P
7110144SOLSRxxx	18/6 SOL BC Plenum	18	6	4.27	Red	CL2P/CL3P
7110145SOLSRxxx	16/2 SOL BC Plenum	16	2	4.45	Red	CL2P/CL3P
7110146SOLSRxxx	16/4 SOL BC Plenum	16	4	5.13	Red	CL2P/CL3P
7110147SOLSRxxx	14/2 SOL BC Plenum	14	2	5.28	Red	CL2P/CL3P
7110148SOLSRxxx	14/4 SOL BC Plenum	14	4	6.86	Red	CL2P/CL3P
7110149SOLSRxxx	12/2 SOL BC Plenum	12	2	6.22	Red	CL2P/CL3P

UL Fire Alarm Cable Plenum Unshielded Stranded BC

ZION CODE	Type	AWG	#/C	NOM.DIA. [mm]	Jacket Color	UL/NEC
7110342SOLSRxxx	18/2 SOL BC Plenum	18	2	3.97	Red	CL2P/CL3P
7110343SOLSRxxx	18/4 SOL BC Plenum	18	4	4.67	Red	CL2P/CL3P
7110344SOLSRxxx	18/6 SOL BC Plenum	18	6	4.67	Red	CL2P/CL3P
7110345SOLSRxxx	16/2 SOL BC Plenum	16	2	4.85	Red	CL2P/CL3P
7110346SOLSRxxx	16/4 SOL BC Plenum	16	4	5.53	Red	CL2P/CL3P
7110347SOLSRxxx	14/2 SOL BC Plenum	14	2	5.68	Red	CL2P/CL3P
7110348SOLSRxxx	14/4 SOL BC Plenum	14	4	7.26	Red	CL2P/CL3P
7110349SOLSRxxx	12/2 SOL BC Plenum	12	2	6.62	Red	CL2P/CL3P

* Cable tested by UL Global
* If the cables are with a WHITE outer sheath the ZION CODE will change in: 7******STRS**W*****
* CUSTOMIZED ITEMS: Printing on Sheath; Lable; Carton
* Conductor will be within the tolerance range: ±0.005mm
* OD of Jacket will be within the tolerance range: ±0.3mm

Zion Code Naming rules

7110142 SOL S R ×××

- 7110142 — Zion SKU
- SOL — Solid = Class 1
- S — Shielded
- R — Sheath Color
- ××× — Cable length

UL Fire Alarm Cable Riser Rated Unshielded

UL Certificated

CONSTRUCTION

Conductors:
Plain annealed copper wire,
SOL = Solid = Class 1
STR = Stranded = Class 2 or Class 5
Insulation:
LS-PVC
Screen 1st:
Unshielded
Drain Wire:
Without
Ripcord
With
Outer Sheath:
LS-PVC
Sheath Color:
Red /White/ More...

REFERENCE STANDARDS

NEC Article 725
NEC Article 760
UL 1424 FPL/FPLR
NFPA 262
ANSI/NFPA 70
UL 1666;FT4
UL 910

TEMPERATURE RANGE

During Operation
-20℃ up to +75℃
During Installation
0℃ up to +65℃

ELECTRICAL DATA

Operating Voltage:
300V max.

IDENTIFICATION OF CORES

Black / **Red** / **Green** / **Yellow**

POPULAR PACKING

500 ft packages, reel or pull box
1000 ft packages, reel or pull box

CHARACTERISTICS

Min. Bending Radius
7.5 x cable diameter

CABLE PRINTING

HANGZHOU ZION Fire Cables SKU ×AWG×C 75C E***** (UL/ETL) SOL/STR Unshielded**
FPLR SUN RES(ROHS) +BATCH NO.+FT DEVICE/ZONE MARKING

UL Fire Alarm Cable Riser Unshielded Solid BC

ZION CODE	Type	AWG	#/C	NOM.DIA. [mm]	Jacket Color	UL/NEC
7110022SOLURxxx	18/2 SOL BC Riser	18	2	3.45	Red	FPLR
7110023SOLURxxx	18/4 SOL BC Riser	18	4	4.05	Red	FPLR
7110024SOLURxxx	18/6 SOL BC Riser	18	6	4.90	Red	FPLR
7110026SOLURxxx	16/2 SOL BC Riser	16	2	3.90	Red	FPLR
7110027SOLURxxx	16/4 SOL BC Riser	16	4	4.60	Red	FPLR
7110028SOLURxxx	14/2 SOL BC Riser	14	2	4.60	Red	FPLR
7110029SOLURxxx	14/4 SOL BC Riser	14	4	6.25	Red	FPLR
7110030SOLURxxx	12/2 SOL BC Riser	12	2	6.25	Red	FPLR

UL Fire Alarm Cable Riser Unshielded Stranded BC

ZION CODE	Type	AWG	#/C	NOM.DIA. [mm]	Jacket Color	UL/NEC
7110222STRURxxx	18/2 STR BC Riser	18	2	3.85	Red	FPLR
7110223STRURxxx	18/4 STR BC Riser	18	4	4.40	Red	FPLR
7110224STRURxxx	18/6 STR BC Riser	18	6	5.28	Red	FPLR
7110226STRURxxx	16/2 STR BC Riser	16	2	4.31	Red	FPLR
7110227STRURxxx	16/4 STR BC Riser	16	4	4.97	Red	FPLR
7110228STRURxxx	14/2 STR BC Riser	14	2	4.97	Red	FPLR
7110229STRURxxx	14/4 STR BC Riser	14	4	6.65	Red	FPLR
7110230STRURxxx	12/2 STR BC Riser	12	2	6.65	Red	FPLR

* Cable tested by UL Global
* If the cables are with a WHITE outer sheath the ZION CODE will change in: 7******STRU**W*****
* CUSTOMIZED ITEMS: Printing on Sheath; Lable; Carton
* Conductor will be within the tolerance range: ±0.005mm
* OD of Jacket will be within the tolerance range: ±0.3mm

Zion Code Naming rules

7110022 SOL U R ×××

Zion SKU | Solid = Class 1 | Unshielded | Sheath Color | Cable length

UL Fire Alarm Cable Riser Rated Shielded

UL Certificated

CONSTRUCTION

Conductors:
Plain annealed copper wire,
SOL = Solid = Class 1
STR = Stranded = Class 2 or Class 5
Insulation:
LS-PVC
Drain Wire:
Tinned Copper drain wire
Screen
Aluminum Mylar Tape
Ripcord
With
Outer Sheath:
LS-PVC
Sheath Color:
Red /White/ More...

REFERENCE STANDARDS

NEC Article 725
NEC Article 760
UL 1424 FPL/FPLR
NFPA 262
ANSI/NFPA 70
UL 1666;FT4
UL 910

TEMPERATURE RANGE

During Operation
-20℃ up to +75℃
During Installation
0℃ up to +65℃

ELECTRICAL DATA

Operating Voltage:
300V max.

IDENTIFICATION OF CORES

Black / **Red** / **Green** / **Yellow**

POPULAR PACKING

500 ft packages, reel or pull box
1000 ft packages, reel or pull box

CHARACTERISTICS

Min. Bending Radius
7.5 x cable diameter

CABLE PRINTING

HANGZHOU ZION Fire Cables SKU ×AWG×C 75C E***** (UL/ETL) SOL/STR Shielded**
FPLR SUN RES(ROHS) +BATCH NO.+FT DEVICE/ZONE MARKING

UL Fire Alarm Cable Riser Shielded Solid BC

ZION CODE	Type	AWG	#/C	NOM.DIA. [mm]	Jacket Color	UL/NEC
7110122SOLSR×××	18/2 SOL BC Riser	18	2	3.57	Red	FPLR
7110123SOLSR×××	18/4 SOL BC Riser	18	4	4.27	Red	FPLR
7110124SOLSR×××	18/6 SOL BC Riser	18	6	4.27	Red	FPLR
7110126SOLSR×××	16/2 SOL BC Riser	16	2	4.45	Red	FPLR
7110127SOLSR×××	16/4 SOL BC Riser	16	4	5.13	Red	FPLR
7110128SOLSR×××	14/2 SOL BC Riser	14	2	5.28	Red	FPLR
7110129SOLSR×××	14/4 SOL BC Riser	14	4	6.86	Red	FPLR
7110130SOLSR×××	12/2 SOL BC Riser	12	2	6.22	Red	FPLR

UL Fire Alarm Cable Riser Shielded Stranded BC

ZION CODE	Type	AWG	#/C	NOM.DIA. [mm]	Jacket Color	UL/NEC
7110322STRSR×××	18/2 STR BC Riser	18	2	3.97	Red	FPLR
7110323STRSR×××	18/4 STR BC Riser	18	4	4.67	Red	FPLR
7110324STRSR×××	18/6 STR BC Riser	18	6	4.67	Red	FPLR
7110326STRSR×××	16/2 STR BC Riser	16	2	4.85	Red	FPLR
7110327STRSR×××	16/4 STR BC Riser	16	4	5.53	Red	FPLR
7110328STRSR×××	14/2 STR BC Riser	14	2	5.68	Red	FPLR
7110329STRSR×××	14/4 STR BC Riser	14	4	7.26	Red	FPLR
7110330STRSR×××	12/2 STR BC Riser	12	2	6.62	Red	FPLR

* Cable tested by UL Global
* If the cables are with a WHITE outer sheath the ZION CODE will change in: 7******STRS**W*****
* CUSTOMIZED ITEMS: Printing on Sheath; Lable; Carton
* Conductor will be within the tolerance range: ±0.005mm
* OD of Jacket will be within the tolerance range: ±0.3mm

Zion Code Naming rules

7110122 SOL S R ×××

- 7110122 — Zion SKU
- SOL — Solid = Class 1
- S — Shielded
- R — Sheath Color
- ××× — Cable length

ZION

www.zion-communication.com

HANGZHOU ZION COMMUNICATION CO.,LTD

GLOBAL MARKET

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