أزيدك للمقاولات العامة
وأعمال الإلكتروميكانيكال
Azeidk for General Contracting & MEP Solutions

Title

Material Submittal for Fire alarm Cable

Brand

Fire World

UK

FIREWORLD

C.R.4030244617
012 6880407/0581444606
info@azeidk.com
www.azeidk.com

المقر الرئيسي - جدة:
برج الصفا، مقابل عزيز مول، أعلى شركة عبداللطيف جميل، مبنى A، الدور الثالث، مكتب رقم ٣٤٠.
الرياض:
حي الملز، شارع صلاح الدين، بجوار شركة زين، الدور الثاني، مكتب رقم ١٦.

Index

- *Technical Data Sheets (Catalogues).*
- *UL Listed Certificate.*
- *Azeidk Co. Documents.*

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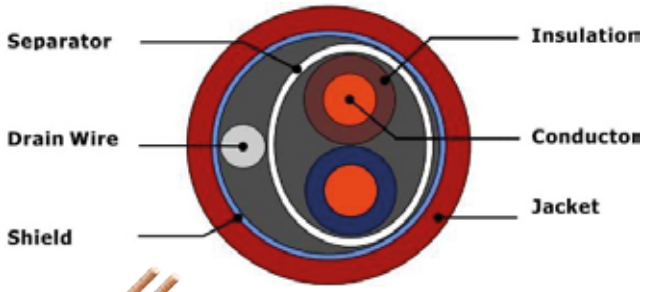
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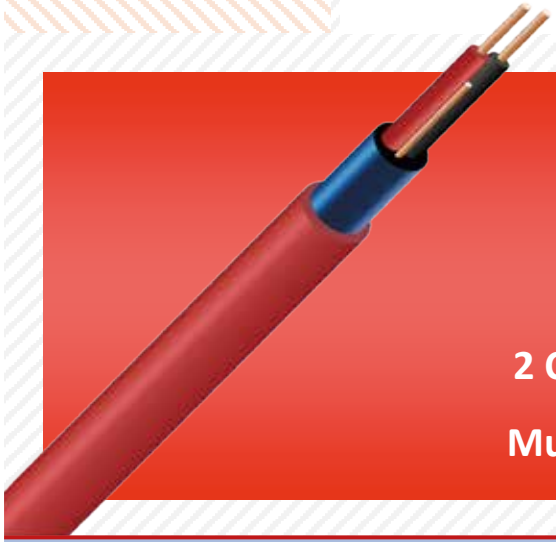
FIREWORLD UK Limited
97 Alderley Road, Wilmslow, SK91PT,
Cheshire, United Kingdom

FPLR Fire Alarm Cable

General Characteristics

Minimum Insulation resistance:	200 MΩ/km
Operating Temperature:	105°C
Minimum Bend Radius:	8x diameter
Drain Wire Diameter:	0.5mm
Insulation Colour:	Red & Black
Jacket / Outer Sheath Colour:	Red





- UL listed
- Solid Bare Copper
- PVC Insulation
- 2 Core with Drain Wire
- Multiple sizes available

Material Construction

Conductor	Solid Bare Copper
Insulation	PVC
Separator	PET Tape
Drain Wire	Solid Bare Copper
Shield	PET/Aluminium Foil
Jacket / Outer Sheath	PVC

Cable Size	Conductor Core	Insulation	Jacket	Resistance (ohm/km)	Ordering Part Number
18AWG	1.02 mm	1.42 mm	4.2 mm	22.4	**FPRL-UL18FW**
16AWG	1.29 mm	1.69 mm	4.8 mm	14	**FPRL-UL16FW**
14AWG	1.63 mm	2.03 mm	5.5 mm	8.8	**FPRL-UL14FW**

Cable Compliance (UL & European Standards)

Reaction to Fire:	IEC/EN 60332-1-2:2005+A1:2016+A11:2016+A12:2021
CPR Compliance:	CPR Euroclass: Eca
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (RoHS), REACH
Cable UL Standard (Flammability):	UL1424(FPLR), Riser
Insulation/ Jacket UL standard:	UL2556, UL1666

For Sales Enquiries: Email info@fireworlduk.co.uk or Telephone +441625468400

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Safety. Science. Transformation.

UL Solutions customer	FIREWORLD UK LIMITED 97 Alderley Road Wilmslow, SK9 1PT United Kingdom
UL Solutions customer file number and category	E543704 Power-limited Fire Alarm Cable | HNIR

February 1, 2025

As of the above date, UL Solutions confirms that FIREWORLD UK LIMITED is the party associated with UL Solutions file number E543704 that appears in the UL Product iQ platform. Public information contained in UL Solutions file number E543704 can be viewed using the following link:

https://iq.ulprospector.com/en/profile?e=8054257

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Sincerely,

UL Solutions

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UL Product iQ®

Power-limited Fire Alarm Cable

COMPANY

FIREWORLD UK LIMITED
97 Alderley Road
Wilmslow, SK9 1PT United Kingdom

E543704

Type(s): FPL, FPLR

Last Updated on 2024-12-06

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