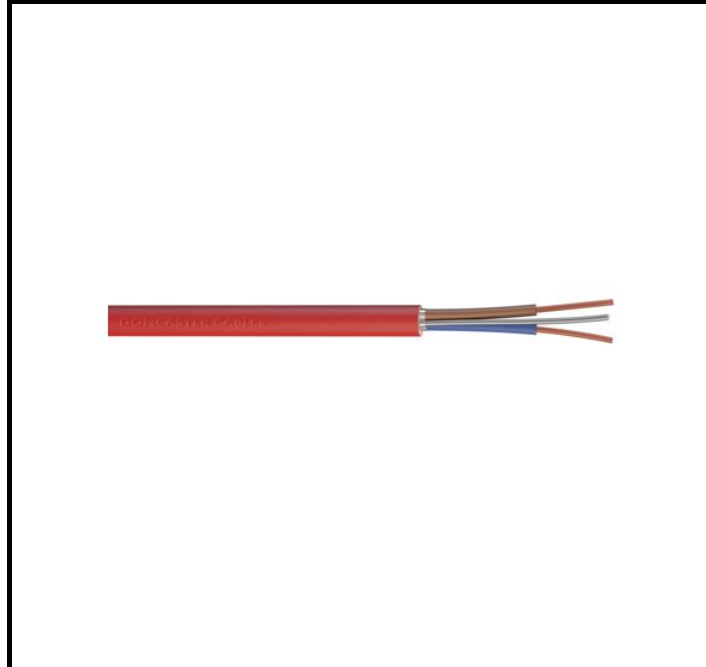


FEATURES

- **Fire Resistant:** Provides circuit integrity during fire conditions, ensuring safety and reliability.
- **Low Smoke Emission:** Reduces smoke production, enhancing visibility and safety during a fire.
- **Acid Gas Emission:** Minimises harmful emissions, protecting equipment and personnel.
- **Resistance to Fire with Mechanical Shock:** Maintains performance even under mechanical stress during a fire.
- **Fire Resistant with Water Spray:** Ensures continued operation even when exposed to water during firefighting efforts.
- **Thermoplastic Jacket:** Offers durability and protection against environmental factors.
- **Annealed Copper Conductor:** Provides excellent conductivity and flexibility.

RS PRO 16 AWG Fire Performance Cable, 100 m

RS Stock No: 606-099



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

This RS PRO fire performance cable is designed for critical applications where fire safety is paramount. With a conductor made from annealed copper and a robust thermoplastic jacket, this cable ensures reliable performance in demanding environments. Its primary benefit is maintaining circuit integrity during fire conditions, making it ideal for emergency systems.

General Specifications

Cable Type	Fire Performance
Conductor Material	Annealed Copper
Jacket Colour	Red
Product Type	Fire Performance Cable
Sub Type	Insulated

Electrical Specifications

American Wire Gauge	16 AWG
Voltage	300/500 V

Mechanical Specifications

Cable Length	100 m
Core Strands	3
Cross Sectional Area	1.5 mm ²
Jacket Material	Thermoplastic
Outside Diameter	8.3 mm

Protection Category

Fire Behaviour	Acid Gas Emission, Fire Resistant, Fire Resistant with Water Spray, Low Smoke, Resistance to Fire with Mechanical Shock, Smoke Density, Vertical Flame Propagation
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Operation Environment Specifications

Maximum Operating Temperature	70 °C
Minimum Operating Temperature	-15 °C

Approvals

Standards/Approvals

BS 5839-1 Clause 26.2d, BS 6387:2013 - Category C-W-Z, BS 7655-6.1, BS EN 50363-1, BS EN 60228, BS EN 60332-1-2, BS EN 60754-1, BS EN 61034-2, BS7671, EN 50200:2015 - ph30-ph60-ph120, EN 50200:2015 Annex E, LPCB Cert No 338C-01, UKAS Certification 0007