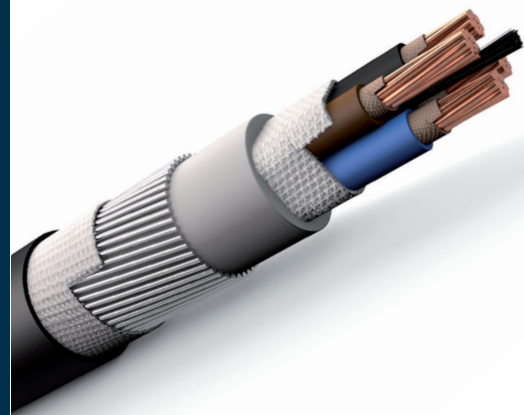


THE FIRE SAFETY CABLE EXPERTS

KEEP VITAL CIRCUITS ALIVE IN A FIRE



Nexans
BRINGS ENERGY TO LIFE

THE IMPORTANCE OF FIRE SAFETY

Fire risks cannot be understated. Thousands occur in private and commercial premises every year. Often resulting in serious injury or in some cases death.

The personal tragedy coupled with the practical and commercial effects of fires on stock, equipment and premises often costing millions to rectify, can mean that many businesses struggle and possibly never recover.

As a consequence, greater emphasis is now being given to the integrity of the cables and cabling systems that maintain the fire fighting equipment and systems in our homes, businesses and infrastructure.

NEXANS, THE FIRE SAFETY CABLE EXPERTS

From all varieties of commercial buildings and office complexes to health, transport and infrastructure, from oil and gas to energy and telecom networks; industrial robots and material handling to ships, planes and airplanes; Nexans are true global experts in cables and cabling solutions.

Across the full range of our customer requirements, efficiency, safety, performance, competitiveness, comfort, installation ease, durability and survivability in the harshest conditions, the Nexans fire safety cable range delivers unrivalled performance and technical excellence.

CONFIDENCE FROM QUALITY AND ASSURANCE

A Nexans cables and accessories meet the highest and most exacting performance standards, independently recognised by BASEC and LPCB product certification as well as a number of ISO accreditations, including ISO 9001, 27001, 14001 and OHSAS 18001.



Nexans fire safety cables are designed to use in large complex buildings like airports, hospitals, stadiums, hi-rise offices and residential buildings.



NEXANS SPECIALIST SERVICES



For more information on how Nexans could help you, visit:
www.nexans.co.uk

ADVANCED LOGISTICS

- Cut-to-length service
- Cable storage capabilities
- Transportation – 24/48hr delivery

THE NEXANS FIRE SAFETY CABLE RANGE

	NX100	NX300	NX400	NX600
Construction	CU/MGT/XH-HFFR (Copper/ Mica Tape/Cross Linked Halogen Free Fire Reaction Compound)	CU/MGT-XLPE/HFFR (Copper/Mica Tape-XLPE/ Halogen Free Fire Reaction Compound)	CU/MGT-XLPE/SWA/HFFR (Copper/ Mica Tape- XLPE/Steel Wire Armour/ Halogen Free Fire Reaction Compound)	CU/MGT-XLPE/MGT/SWA/ HFFR (Copper/Mica Tape- XLPE/Glass Tape/Steel Wire Armour/Halogen Free Fire Reaction Compound)
Construction Standard	BS 8592, BS 7211	BS 6387, BS 7846	BS 7846 Cat F2	BS 7846 Cat F120
Voltage Grade	450/750V	600/1000V	600/1000V	600/1000V
Cores/cross section	Single cores (1,5 - 300 mm ²)	Single cores (50 - 1000 mm ²) 2 to 4 cores (1,5 – 400 mm ²)	- 2 to 4 cores (1,5 – 400 mm ²) - 5-37 cores (1,5 – 4 mm ²)	2 to 4 cores (4 – 400 mm ²)
Certification	BASEC approved LPCB approved (upto 70 mm ²)	LPCB approved	BASEC approved LPCB approved	BASEC approved LPCB approved London Underground compliant S1085
Test Performance	BS 6387 cat CWZ from 1,5 to 95 mm ² and cat C from 120 to 300 mm ² IEC 60754-2.1 IEC 61034-2 IEC 60331-21 EN 50200 Annex E	IEC 60754-1,2 IEC 61034-2 IEC 60331-21 IEC 60332-3-24	BS 6387 CWZ IEC 60754-1,2 IEC 61034-2	BS 7846 F2-F120 BS 8519 cat1-2-3 BS 8491 F120 IEC 60332-3-24 IEC 60267-2.1/2.2 IEC 61034-2

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Nexans is indicative only and shall not be binding on Nexans or be treated as constituting a representation on the part of Nexans.

CABLE RECYCLING

- Reduce your environmental footprint
- ISO, OHSAS and ICPE compliant recycling service
- Reduce costs

VIRTUAL FACTORY AUDITS

- Conduct remote factory audits
- Save time and money
- Reduce your environmental footprint

NX600 ENHANCED FIRE RESISTANT POWER CABLE

BASEC AND LPCB APPROVED. COMPLIANT TO BS7846-F120

REQUIREMENT

BS 8519 is a Code of Practice for the selection of fire resistant cables and systems for life safety and fire fighting applications.

Greater emphasis is now being given to circuit integrity. Active fire safety systems such as sprinklers and smoke evacuation systems are required to operate both in evacuation and fire-fighting phases.

Designed for use in large complex buildings like stadiums, airports, hospitals, high-rise offices and residential buildings, Nexans NX600 fully meets BS7846-F120 requirements to maintain circuit integrity even through the most extreme fire conditions.

APPLICATION

Built to release low levels of toxic fumes when burning, the NX600 is approved for 120 minute applications as described in BS8519 for use with fire safety engineering systems such as:

- Fire Fighting Lifts
- Car Park Smoke Control
- Smoke Barriers – Supply and Control
- Fire Barriers – Supply and Control
- Smoke Curtains – Supply and Control
- Powered Chimneys and Controlled MFSD's
- Pressurisation



Conductor Flexibility
Standard Class 2



Rated Voltage
 $U_o/U (U_m)$ 0.6/1kv



Minimum Installation
Temperature 0°C



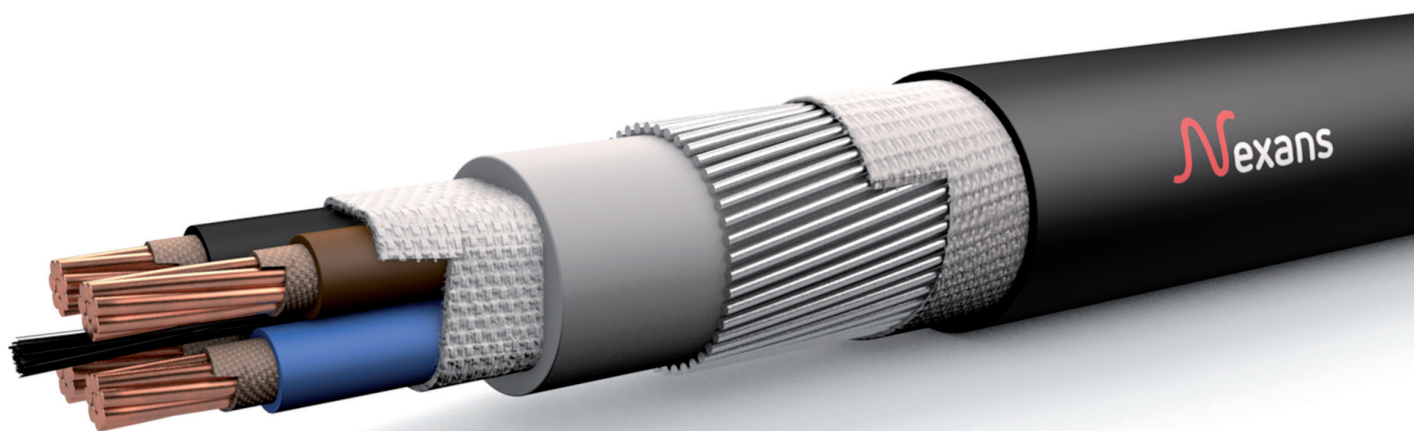
Maximum Operating
Temperature 90°C



Fire Resistant
BS 8491-120 min



Flame Retardant
IEC 60332-3 Cat.C



ONLINE SERVICES

- Advanced client services
- Full access to technical data sheet library
- Create and manage your own product catalogue

SUPPORT SERVICES

- UK based project team and dedicated manager
- UK based technical support
- Industry approved product training

550,000 V

Highest voltage insulation cable

2,400 km

Longest cable

135 kg/m

Heaviest cable

1000°C

Most heat resistant cable

1000m

Longest superconducting cable

-50°C

Most cold-resistant cable

WORLD LEADING NUMBERS

Nexans holds several technical records that prove our cables performance even in the most extreme conditions:

For more information about our fire safety cable range or any other of our products and services please contact Nexans sales and support on 01908 250850.

Or email us at: sales.uk@nexans.com

www.nexans.co.uk

WHY NEXANS

With unparalleled manufacturing experience supported by over 100 years of research and innovation, industry-leading technical support and product training, we are truly the complete life-cycle market leader for all your fire performance cable needs.

As a global leader in advanced cabling and connectivity solutions, Nexans brings energy to life through an extensive range of best-in-class products and innovative services.

The company employs more than 26,000 people with industrial footprint in 34 countries and commercial activities worldwide and is listed on Euronext Paris, compartment A.

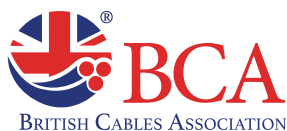
GOING BEYOND BUSINESS

As part of our Corporate Social Responsibility policy, Nexans are committed to raising public awareness on fire safety in buildings, regularly contributing to the development of new standards and regulations on fire safety, and active on several senior technical committees of the most important European and international standardisation bodies.

Our fire safety range is designed to fully support sustainable construction. We are continually developing products and services to address the economic, social and environmental challenges we face to reduce waste, save energy, exceed health and safety standards and protect our infrastructure and environment.

And in 2013 we became the first cable provider to create a Foundation supporting sustainable initiatives bringing access to energy to disadvantaged communities worldwide.

Member of:



voltimum