Enhanced Fire Alarm & Security Cable BS5839, BS7629 - 1.5mm² to 10mm²

Description

Enhanced fire alarm and security cable. Soft Skin enhanced Fire Resistant Cables for general use in fire detection, fire alarm, voice alarm, and emergency lighting circuits. Enhanced cables are designed to carry on working for 120 minutes in a fire.

The higher fire resistance this cable provides is recommended for systems in which cables might need to operate correctly during a fire for multiple phase evacuation such as tower blocks and multi storey buildings.

Note: 6mm² and 10mm² do not hold Basec, LPCB or any 3rd party accreditations

Key Features

Voltage Rating
300/500 Volts

Minimum Bending Radius
6 x overall diameter

Flame Retardancy
BS5839

Temperature Limits
Temperature Range: -40 to 90°C

Core Colours

2 core - Brown Blue

3 core - Brown Black Grey

4 core - Brown Black Grey Blue

7 core and above - Black with White numbers

Outer sheath comes in a choice of: Red White

Standards

- BS EN/IEC 60228
- BS6387
- BS 7629-1:2015 Enhanced 120
- BS EN/IEC 61034-1/2
- BS EN/IEC 60754-1/2

Construction

- **Conductor**: Up to 2.5mm: Class 1 solid copper, 4mm+ Class 2 stranded copper
- **Insulation**: MICA/Glass tape with fire-resistant silicone rubber
- **Protective Conductor**: Tinned copper
- **Overall Tape Screen**: Aluminium/Polyester Tape Screen (AL/PET)
- **Outer Sheath**: Low Smoke Zero Halogen (LSZH)

QA Lab

Cleveland Cable Test & Training Lab
Our state-of-the-art cable testing facility ensures that every cable meets the highest standards of quality and compliance through continuous, rigorous testing. Where applicable, cables are independently tested and certified by BASEC to ensure full compliance.

CPR
Cleveland Cable Company is committed to compliance with the Construction Products Regulation (CPR). Where applicable, all cables manufactured after 1st July 2017 have been assessed in accordance with CPR requirements, with full supporting documentation available.

Our Sustainability Commitment

We are committed to the journey to Net Zero as a business partner, an employer and a community member.

By thinking and acting sustainably, we deliver excellent customer service while reducing carbon emissions in collaboration with our customers and suppliers.

ecovadis
Cleveland Cable Company has been independently assessed by EcoVadis, a globally recognised provider of business sustainability ratings. Our score places us among the top 35% of companies evaluated worldwide, reflecting our strong commitment to environmental, social, and ethical performance

Enhanced Fire Alarm & Security Cable BS5839, BS7629 - 1.5mm² to 10mm² - Dimensions

Reference	Conductor Size (mm2)	No Of Cores	Stranding(mm)	Overall Diameter(mm)	Weight(Kg/Km)	Gland Ref	1 Hole Clip Ref	Gland Size
ENH2X1/5	1.5	2	1/1.38	8	110	251	32	20
ENH3X1/5	1.5	3	1/1.38	8.4	130	251	34	20
ENH4X1/5	1.5	4	1/1.38	9.5	160	251	37	20
ENH2X2/5	2.5	2	1/1.78	9	160	252	34	20
ENH3X2/5	2.5	3	1/1.78	10.5	200	252	40	20
ENH4X2/5	2.5	4	1/1.78	11.7	250	252	43	20
ENH2X4	4	2	7/0.85	11.3	260	252	43	20
ENH3X4	4	3	7/0.85	12.1	315	254	47	25
ENH4X4	4	4	7/0.85	13.3	380	254	51	25
ENH2X6RD	6	2	7/1.04	14.0	340	25A2	51	20
ENH4X6RD	6	4	7/1.04	16.4	500	25A2	59	25
ENH2X10RD	10	2	7/1.35	16.4	510	25A2	63	25

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