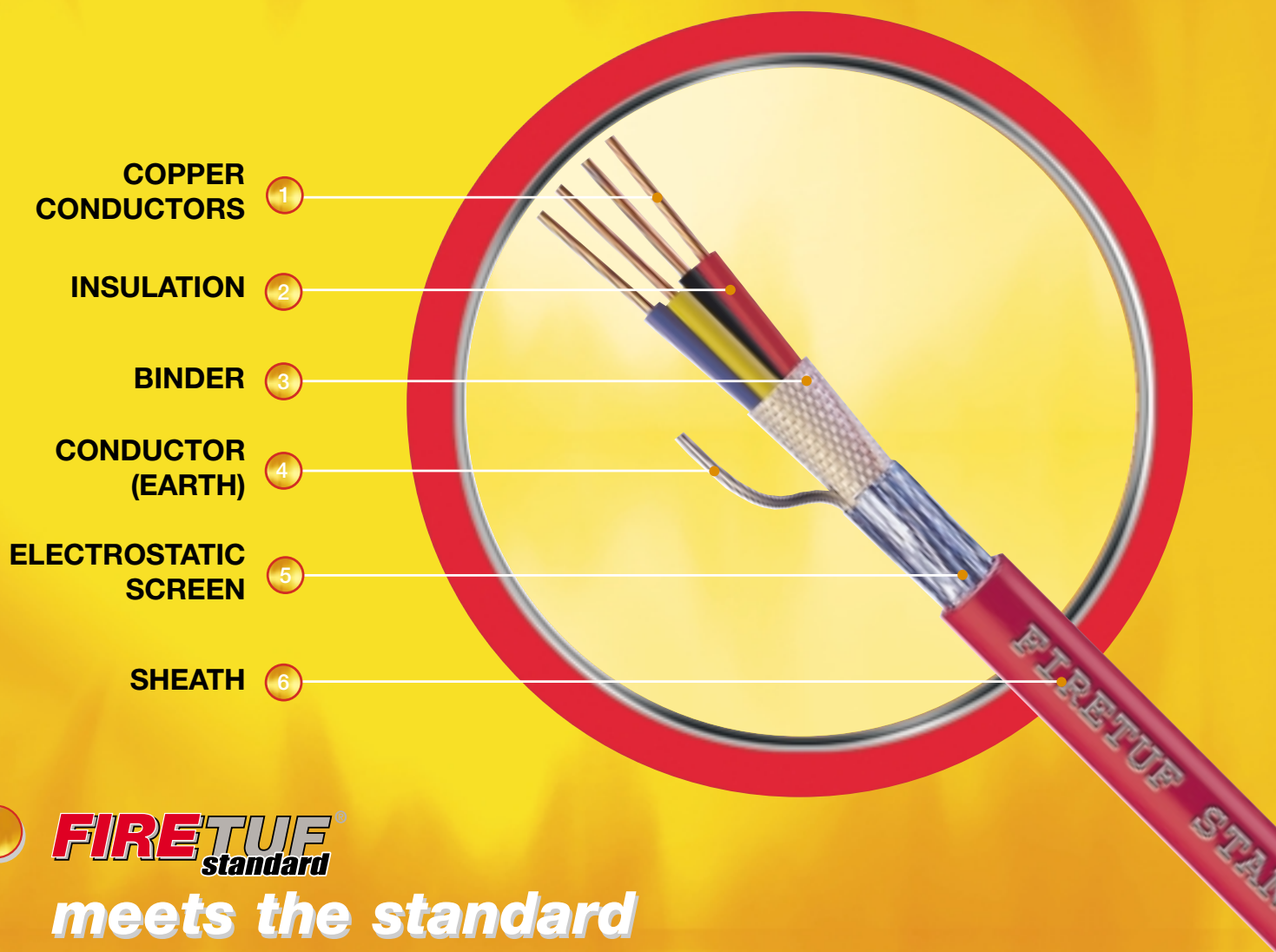


FIRETUF® **standard**



FIRETUF
standard

**meets the standard
requirements of
BS 5839-1:2002**

**Tested and
approved by LPCB**



Draka UK
Industrial Cables

FIRETUF STANDARD

FIRETUF[®]
standard

Zero Halogen, Low Smoke (OHLS[®]) cable, maintaining circuit integrity when exposed to fire, meeting the standard category of BS 5839-1:2002. Manufactured to BS 7629 parts 1 & 2 1997

Firetuf Standard cables are specifically designed to meet the standard requirements for Fire Detection and Alarm Systems in BS 5839 Part 1 and Codes of Practice for Emergency Lighting in BS 5266 Part 1. Tested and approved by LPCB.

These cables are suitable for installations where a fire situation may pose a major hazard and the maintenance of circuit integrity is a requirement, thereby giving increased

protection to life and property. Because of the pressure extruded sheath, spark free cores and 100% cover electrostatic screen, Firetuf Standard is suitable for use in Zone 1 and Zone 2 hazardous areas.

Typical uses include: Analogue addressable alarm systems, public address systems, emergency lighting and smoke detectors.

Construction

- 1 Conductors: Solid (Class 1) or stranded (Class 2) plain annealed copper wire to BS 6360 and IEC 60228.
- 2 Insulation: Silicone rubber to BS 7655: Section 1.1, Type EI2.
- 3 Binder: Close weave glass tape to BS EN 61067.
- 4 Conductor (earth): Solid tinned or stranded annealed copper to BS 6360.
- 5 Electrostatic screen: Aluminium/polyester laminated tape.
- 6 Sheath: Thermoplastic Zero Halogen, Low Smoke (OHLS[®]) compound.

Physical Characteristics

- Voltage rating (Uo/U): 300/500V.
- Operating temp.: -40°C to +90°C (The cable should not be flexed when either the ambient or cable temperature is below 0°C).
- Min. bending radius: 6 x overall diameter of cable.
- #### Standards Achieved
- Circuit integrity: Passes BS 5839-1:2002 "Standard" (BS 8434:2003)
Passes BS 6387 categories C,W & Z
Passes IEC 60331 - 3 hours at 750°C.
- Flame propagation: Passes IEC 60332-1, EN 50265, EN 50266, BS 4066: Part 1, IEC 60332-3, BS 4066: Part 3.
- Acid gas emission: Passes IEC 60754-2, BS 6425: Part 2.
- Smoke emission: Passes IEC 61034, BS 7622.

Cable ref.	No. of cores	CSA mm ²	Protective earth conductor CSA mm ²	Nominal overall diameter mm	Approx. nett weight kg/km
FTZ2E1.0	2	1.0	1.0	7.0	83
FTZ3E1.0	3	1.0	1.0	7.3	95
FTZ4E1.0	4	1.0	1.0	8.2	115
FTZ7E1.0	7	1.0	1.0	10.5	175
FTZ12E1.0	12	1.0	1.0	13.5	275
FTZ19E1.0	19	1.0	1.0	15.7	405
FTZ2E1.5	2	1.5	1.5	7.9	110
FTZ3E1.5	3	1.5	1.5	8.3	128
FTZ4E1.5	4	1.5	1.5	9.5	160
FTZ7E1.5	7	1.5	1.5	12.2	250
FTZ12E1.5	12	1.5	1.5	15.7	390
FTZ19E1.5	19	1.5	1.5	18.2	560
FTZ2E2.5	2	2.5	2.5	9.3	160
FTZ3E2.5	3	2.5	2.5	9.9	190
FTZ4E2.5	4	2.5	2.5	11.3	235
FTZ7E2.5	7	2.5	2.5	14.6	375
FTZ12E2.5	12	2.5	2.5	19.5	610
FTZ10E2.5	19	2.5	2.5	22.8	900

Further conductor sizes available, details upon request.

www.drakauk.com

Draka UK Ltd Industrial Cables, Alfreton Road, Derby, DE21 4AE
T: +44 (0)1332 345431 F:+44 (0)1332 331237 email: industrial@drakauk.com