

CIRCUIT INTEGRITY ALARM CABLE

FT30 Zero Halogen Low Smoke cable has been designed and manufactured in the UK to provide superior flame retardance and circuit integrity, together with optimised ease of installation characteristics. Manufactured to BS7629-1 and meeting the Standard category of BS 5839-1:2002. Tested and approved by LPCB and BASEC.

- Fastest ever sheath removal, allowing reduced termination times
- Smallest diameter and most flexible
- Easily dressable
- Smallest bending radius without deformation or cable kinking
- Reduced weight
- Suitable for use in Zone 1 and Zone 2 hazardous areas
- Twisted core construction for improved signal clarity

Construction

Conductors:	Solid or stranded plain annealed copper wire.
Insulation:	Silicone rubber.
Electrostatic screen:	Aluminium/polyester laminated tape.
Conductor (earth):	Solid or stranded tinned annealed copper.
Sheath:	High performance, 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:	BS 5839-1:2002 Clause 26.2d Standard. BS EN 50200 PH30, PH60 and Annexe E. BS 6387 C, W & Z. IEC 60331-2
Flame propagation:	IEC 60332-3, IEC 60332-1, BS EN 50265, BS EN 50266.
Acid gas emission:	IEC 60754, BS EN 50267.
Smoke emission:	IEC 61034, BS EN 50268.

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Cable ref.	No. of cores	Conductor Class	CSA mm ²	Protective earth conductor CSA mm ²	Nominal overall diameter mm	Approx. nett weight kg/km
FTES2EH1.5	2	1	1.5	1.5	7.7	100
FTES3EH1.5	3	1	1.5	1.5	8.0	117
FTES4EH1.5	4	1	1.5	1.5	9.2	145
FTES2EH2.5	2	1	2.5	2.5	8.9	150
FTES3EH2.5	3	1	2.5	2.5	9.5	177
FTES4EH2.5	4	1	2.5	2.5	10.9	220
FTES2EH4.0	2	2	4	4	10.7	225
FTES3EH4.0	3	2	4	4	11.9	275
FTES4EH4.0	4	2	4	4	13.4	340