



Construction

- 1 - Plain Annealed Copper Conductor
- 2 - Silicone Insulated
- 3 - Tinned Annealed Copper Drain Wire
- 4 - Electrostatic Screen
- 5 - Thermoplastic LSZH Sheath

Sheath Colours Available:

Red or White standard; Black, other colours and external grade available to order.

Core Colours:

- 2 core and Earth: Brown & Blue
- 3 core and Earth: Brown, Black & Grey
- 4 core and Earth: Brown, Blue, Black & Grey

FIRESAFE TW950s fire resistant cable has been designed to meet the latest standards for fire detection and alarm systems in BS5839 Part 1 standard grade and for use in emergency lighting BS5266 Part 1 and is manufactured and tested to BS7629.

Applications include public buildings, schools, hospitals, department stores, cinemas, hotels, theatres, computer centres etc.

Approvals

1. In meeting the requirements of BS7629, the FIRESAFE TW950 cables listed met the requirements of smoke density of BS7622-2:1993, fire resistance requirements CWZ in Clause 11 of BS6387:1994 and achieved less than 0.5% HCl on the (outer covering, binder tape & insulation) when tested in accordance with BS6425-1:1990.
2. The duration of 30 minutes when tested in accordance with BS8434-1:2003 is achieved by 15 minutes for the fire and impact phase and an additional 15 minutes for the fire, impact and water phase as described in Clause 26.2d of BS5839-1:2002.
3. The FIRESAFE TW950 cables listed conform to BS7629, met Class PH30 when tested in accordance with EN 50200:2000 and met the 30 minute duration when tested in accordance with BS8434-1:2003 and hence met the requirements for a standard fire resistant cable as described in Clause 26.2 of BS5839-1:2002.

For technical details see tables page 6

