

# TECHNICAL DATASHEET – FT2



Certificate No : 221e/01

## Firetec Standard Alarm Wiring

**Specification** BS7629 Part 1 & BS5839 Part 1  
**Voltage Rating** 0.3/0.5 kV  
**Description** Solid or Stranded plain copper conductors, LSZH insulation, cores laid up with a non insulated circuit protective conductor (CPC), overall screen, LSZH sheath

| Cable Reference | No. of cores & Nominal Cross Sectional Area of Conductor | Current Rating (Clipped Direct) |                | Voltage Drop (Clipped Direct) |                 |                | Maximum DC Conductor Resistance @ 20°C | Nominal Overall Diameter | Nominal Weight |
|-----------------|----------------------------------------------------------|---------------------------------|----------------|-------------------------------|-----------------|----------------|----------------------------------------|--------------------------|----------------|
|                 |                                                          | Single Phase ac or dc           | Three Phase ac | dc                            | Single Phase ac | Three Phase ac |                                        |                          |                |
|                 |                                                          | Amps                            | Amps           | mV/A/M                        | mV/A/M          | mV/A/M         |                                        |                          |                |
|                 | no x mm <sup>2</sup>                                     |                                 |                |                               |                 |                | Ω/Km                                   | mm                       | Kg/Km          |
| FS2C1.5E        | 2 x 1.50+                                                | 19.50                           | -              | 29.00                         | 29.00           | -              | 12.10                                  | 7.70                     | 87.00          |
| FS2C2.5E        | 2 x 2.50+                                                | 27.00                           | -              | 18.00                         | 18.00           | -              | 7.41                                   | 9.10                     | 129.00         |
| FS2C4E          | 2 x 4.00                                                 | 36.00                           | -              | 11.00                         | 11.00           | -              | 4.61                                   | 10.80                    | 192.00         |
| FS3C1.5E        | 3 x 1.50+                                                | -                               | 17.50          | -                             | -               | 25.00          | 12.10                                  | 8.20                     | 110.00         |
| FS3C2.5E        | 3 x 2.50+                                                | -                               | 24.00          | -                             | -               | 15.00          | 7.41                                   | 9.70                     | 163.00         |
| FS3C4E          | 3 x 4.00                                                 | -                               | 32.00          | -                             | -               | 9.50           | 4.61                                   | 11.50                    | 244.00         |
| FS4C1.5E        | 4 x 1.50+                                                | -                               | 17.50          | -                             | -               | 25.00          | 12.10                                  | 9.20                     | 139.00         |
| FS4C2.5E        | 4 x 2.50+                                                | -                               | 24.00          | -                             | -               | 15.00          | 7.41                                   | 10.90                    | 210.00         |
| FS4C4E          | 4 x 4.00                                                 | -                               | 32.00          | -                             | -               | 9.50           | 4.61                                   | 12.70                    | 306.00         |

+ Solid conductors

### General Note

AEI Cables reserves the right to amend the product information without notice or liability. The information is considered accurate at the time of going to print.

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