

Thermosetting Insulated, Non Sheathed, Single core H07Z-U Fire Resistant Cable, 450/750 V

Application

- ✓ Metro Rail, Airport, Schools, Shopping malls, Cinemas, High-rise Buildings and fire prone areas.
- ✓ Indoor and Outdoor uses.

Product Construction

- ✓ Conductor : Annealed Copper conductor, Class 1 solid conductor.
- ✓ Insulation 1 : Glass Mica Type.
- ✓ Insulation 2 : EBXL-XLPE-120°C.

Technical Data

- ✓ Temperature Range :-15°C to + 120°C
- ✓ Rated Voltage (U₀/U) : 450/750 V
- ✓ Test Voltage : 3.5kV/5 min
- ✓ Bending Radius (Min) : Upto 8 X cable OD
- ✓ Specification : BS 7211

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Features

- ✓ Flammability : IEC 60332-1 & IEC 60332-3 Categories A, B & C
- ✓ Resistance to Fire : CWZ of BS : 6387, IEC 60331 & F-2 of BS : 7846
- ✓ Smoke Emission : IEC 61034 - 1 & 2
- ✓ Acid Gas Content : IEC 60754 -1 & 2, BS EN 50267 - 1 & 2
- ✓ **Special Features :**
 - Maintains Circuit Integrity for 3 hours under fire condition.
 - Zero Halogen, Low Smoke and Resistance to flame propagation.
 - Siechem Fire Resistant Cable meets BS 7846 Cat F2 and meets Test requirements as per BS 6387 CWZ, at an enhanced voltage of 600/1000V.
 - Siechem Fire Resistant Cable also meets 60 minute rating (PH60) to BS EN 50200 and a 30 minute rating to BS 8434-1. These tests demonstrate that Fire Resistant Cable also meets the requirements for use in "Standard" installations in accordance with BS 5839-1 : 2002 for fire detection and alarm systems, and Cables with inherently high resistance to attack by fire in accordance with BS 5266-1 : 2005 for emergency lighting.

| Approvals | Accreditations | Certifications |
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| Part Number | Number of Cores and mm ² Per Conductor | Conductor Construction | Outer Diameter in mm approx. | | Weight Kg/Km approx. |
|-------------|---|------------------------|------------------------------|-----|----------------------|
| | | | Min | Max | |
| 72413XX | 1C x 1.5 | 1 x 1.38 | 2.6 | 3.3 | 24 |
| 72416XX | 1C x 2.5 | 1 x 1.77 | 3.2 | 4.0 | 36 |
| 72419XX | 1C x 4 | 1 x 2.24 | 3.6 | 4.6 | 52 |
| 72423XX | 1C x 6 | 1 x 2.74 | 4.1 | 5.2 | 73 |
| 72427XX | 1C x 10 | 1 x 3.56 | 5.3 | 6.6 | 118 |

Note : XX* : Please add last two digits in the part number as per the colour code given hereunder replacing XX while ordering.

| | | | | | | | | | | |
|----------------|-------------|---------------|--------------|--------------|-------------------|---------------|--------------|-------------|-------------|-------------|
| Red - 01 | Yellow - 02 | Blue - 03 | Black - 04 | Green - 05 | Yellow-Green - 06 | Grey - 07 | Brown - 08 | White - 09 | Orange - 10 | Violet - 11 |
| Chocolate - 12 | Tan - 13 | Charcoal - 14 | LT Blue - 15 | DK Grey - 16 | LT Green - 17 | DK Green - 18 | DK Blue - 19 | Purple - 20 | Pink - 21 | |

** We have obtained various approvals, accreditations, and certifications — some of which may not be relevant to this catalog.



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