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.

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 :**
  a) Maintains Circuit Integrity for 3 hours under fire condition.
  b) Zero Halogen, Low Smoke and Resistance to flame propagation.
  c) 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.
  d) 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.

Product Construction

- Conductor : Annealed Copper conductor, Class 1 solid conductor.
- Insulation 1 : Glass Mica Type.
- Insulation 2 : EBXL-XLPE-120^{0}C.

Technical Data

- Temperature Range :-15℃ to + 120℃
- Rated Voltage (U_0/U) : 450/750 V
- Test Voltage : 3.5kV/5 min
- Bending Radius (Min) :Upto 8 X cable OD
- Specification : BS 7211,Table - 3

ISO 9001	ISO 14001	AS 9100	ISO 45001	REACH COMPLIANT	RoHS COMPLIANT	CE

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	

Catalogue No. **724**

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