



Siechem, 4 Core APC Class - 2 Conductor, Mica Tape & EBXL - XLPE 120, Insulated GI Wire Armoured Polymeric Mineral Sheath Fire Resistant Cable

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 :**

- 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.

Product Construction

- ✓ Conductor : APC -Class 2 stranded Copper Conductor.
- ✓ Insulation 1 : Mica tape
- ✓ Insulation 2 : EBXL - XLPE 120
- ✓ Lay up
- ✓ Tape : Mica tape (overall)
- ✓ Bedding : Extruded Polymeric mineral
- ✓ Armour : GI Wires
- ✓ Outer Sheath : Extruded Polymeric mineral

Technical Data

- ✓ Temperature Range : - 45°C to +120°C
- ✓ Rated Voltage (U₀/U) : 600/1000V
- ✓ Test Voltage : 600/1000V
- ✓ Bending Radius (Min) : Upto 8 x Cable OD

ISO 9001	ISO 14001	AS 9100	ISO 45001			CE
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Part Number	Number of Cores and mm ² Per Conductor	Construction	Outer Diameter in mm approx.	Weight Kg/Km approx.
7383004	4C x 25	7 x 2.2	27.3	20 43
7383204	4C x 35	7 x 2.52	29.8	25.57
7383404	4C x 50	7 x 2.95	33.2	33 06
7383704	4C x 70	19 x 2.2	38.9	46 11
7383804	4C x 95	19 x 2.52	42.9	57 63
7384104	4C x 120	19 x 2.95	48.3	74 16
7384204	4C x 150	19 x 3.26	52.6	88 90
7384404	4C x 185	37 x 2.52	57.8	10 646
7384604	4C x 240	37 x 2.95	64.2	13 206
7384804	4C x 300	37 x 3.26	70.0	15 937
7384904	4C x 400	61 x 2.95	79.3	21 391



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