

**Siechem, 3 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 :**

- 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 : 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 (U<sub>0</sub>/U) : 600/1000V
- ✓ Test Voltage : 600/1000V
- ✓ Bending Radius (Min) : Upto 8 x Cable OD



Part Number	Number of Cores and mm <sup>2</sup> Per Conductor	Construction	Outer Diameter in mm approx.	Weight Kg/Km approx.
7373003	3C x 25	7 x 2.2	24.7	1703
7373203	3C x 35	7 x 2.52	26.8	2122
7373403	3C x 50	7 x 2.95	29.6	2660
7373703	3C x 70	19 x 2.2	33.3	3396
7373803	3C x 95	19 x 2.52	38.1	4572
7374103	3C x 120	19 x 2.95	41.5	5489
7374203	3C x 150	19 x 3.26	46.6	7042
7374403	3C x 185	37 x 2.52	50.9	8314
7374603	3C x 240	37 x 2.95	56.2	10255
7374803	3C x 300	37 x 3.26	61.3	12486
7374903	3C x 400	61 x 2.95	67.7	15774

