



Siechem, Multicore 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

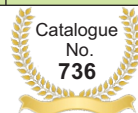
ISO
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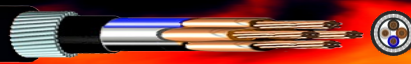
ISO
45001



| Part Number | Number of Cores and mm ² Per Conductor | Construction | Outer Diameter in mm approx. | Weight Kg/Km approx. |
|-------------|---|--------------|------------------------------|----------------------|
| 7361302 | 2 Cx1.5 | 7 x 0.53 | 13.1 | 34.9 |
| 7361602 | 2 Cx2.5 | 7 x 0.67 | 14.6 | 43.0 |
| 7361902 | 2 Cx4 | 7 x 0.85 | 15.7 | 50.5 |
| 7362302 | 2 Cx6 | 7 x 1.04 | 16.9 | 59.1 |
| 7362702 | 2 Cx10 | 7 x 1.35 | 19 | 75.5 |
| 7362802 | 2 Cx16 | 7 x 1.7 | 21.4 | 109.5 |
| 7363002 | 2 Cx25 | 7 x 2.14 | 25.1 | 145.5 |
| 7363202 | 2 Cx35 | 7 x 2.52 | 28.7 | 197.1 |
| 7361303 | 3 Cx1.5 | 7 x 0.53 | 13.7 | 38.2 |
| 7361603 | 3 Cx2.5 | 7 x 0.67 | 15.2 | 47.4 |
| 7361903 | 3 Cx4 | 7 x 0.85 | 16.4 | 56.3 |
| 7362303 | 3 Cx6 | 7 x 1.04 | 17.7 | 66.8 |
| 7362703 | 3 Cx10 | 7 x 1.35 | 20.6 | 98.8 |
| 7362803 | 3 Cx16 | 7 x 1.7 | 22.7 | 129.4 |
| 7363003 | 3 Cx25 | 7 x 2.14 | 27.8 | 191.8 |
| 7363203 | 3 Cx35 | 7 x 2.52 | 30.5 | 236.6 |
| 7361304 | 4 Cx1.5 | 7 x 0.53 | 14.5 | 42.9 |
| 7361604 | 4 Cx2.5 | 7 x 0.67 | 16.2 | 53.4 |
| 7361904 | 4 Cx4 | 7 x 0.85 | 17.6 | 64.6 |
| 7362304 | 4 Cx6 | 7 x 1.04 | 19.9 | 89.2 |
| 7362704 | 4 Cx10 | 7 x 1.35 | 22.3 | 115.5 |
| 7362804 | 4 Cx16 | 7 x 1.7 | 24.6 | 153.5 |
| 7363004 | 4 Cx25 | 7 x 2.14 | 30.1 | 228.9 |
| 7363204 | 4 Cx35 | 7 x 2.52 | 33.1 | 283.7 |
| 7361305 | 5 Cx1.5 | 7 x 0.53 | 15.6 | 48.8 |
| 7361605 | 5 Cx2.5 | 7 x 0.67 | 17.4 | 60.7 |
| 7361905 | 5 Cx4 | 7 x 0.85 | 19.1 | 74.6 |
| 7362305 | 5 Cx6 | 7 x 1.04 | 21.3 | 101.7 |
| 7362705 | 5 Cx10 | 7 x 1.35 | 24.2 | 134.8 |
| 7362805 | 5 Cx16 | 7 x 1.7 | 27.9 | 200.2 |



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| | | | | | | |
|-------------|--------------|------------|--------------|--|--|----|
| ISO 9001 | ISO 14001 | AS 9100 | ISO 45001 | | | CE |
|-------------|--------------|------------|--------------|--|--|----|

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|-------------|---|--------------|------------------------------|----------------------|
| 7363005 | 5 Cx2.5 | 7 x 2.14 | 32.8 | 27.06 |
| 7363205 | 5 Cx3.5 | 7 x 2.52 | 36.1 | 33.63 |
| 7363405 | 5 Cx5.0 | 19 x 1.78 | 41.7 | 45.75 |
| 7363705 | 5 Cx7.0 | 19 x 2.14 | 47.6 | 60.64 |
| 7361307 | 7 Cx1.5 | 7 x 0.53 | 16.7 | 55.4 |
| 7361607 | 7 Cx2.5 | 7 x 0.67 | 18.6 | 69.5 |
| 7361907 | 7 Cx4 | 7 x 0.85 | 21.2 | 98.4 |
| 7361312 | 12 Cx1.5 | 7 x 0.53 | 21.5 | 91.8 |
| 7361612 | 12 Cx2.5 | 7 x 0.67 | 24.5 | 117.3 |
| 7361912 | 12 Cx4 | 7 x 0.85 | 27.8 | 163.9 |
| 7361319 | 19 Cx1.5 | 7 x 0.53 | 24.7 | 120.8 |
| 7361619 | 19 Cx2.5 | 7 x 0.67 | 29.1 | 173.8 |
| 7361919 | 19 Cx4 | 7 x 0.85 | 31.8 | 216.6 |
| 7361327 | 27 Cx1.5 | 7 x 0.53 | 29.8 | 170.6 |
| 7361627 | 27 Cx2.5 | 7 x 0.67 | 33.8 | 223.7 |
| 7361927 | 27 Cx4 | 7 x 0.85 | 37.5 | 283.7 |
| 7361337 | 37 Cx1.5 | 7 x 0.53 | 32.5 | 206.0 |
| 7361637 | 37 Cx2.5 | 7 x 0.67 | 36.3 | 271.9 |
| 7361937 | 37 Cx4 | 7 x 0.85 | 42.7 | 385.2 |
| 7361348 | 48 Cx1.5 | 7 x 0.53 | 36.8 | 247.4 |
| 7361648 | 48 Cx2.5 | 7 x 0.67 | 43.4 | 365.2 |
| 7361948 | 48 Cx4 | 7 x 0.85 | 48.2 | 468.6 |

