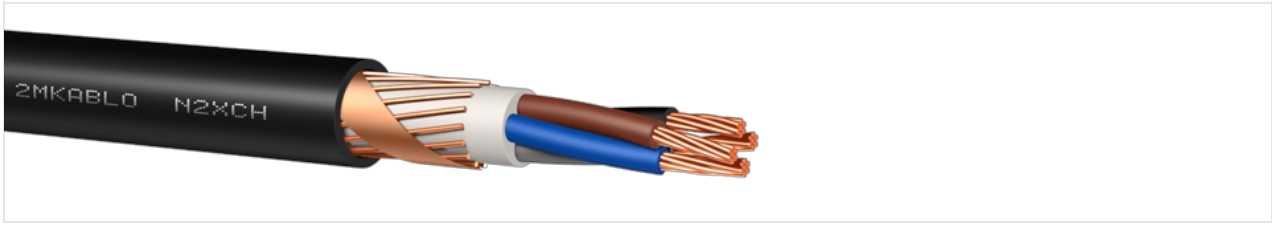


## N2XCH



### Areas of Use

0.6/1 kV XLPE insulated, halogen-free, flame retardant, power cables with copper concentric conductors and tape are used in outdoor and underground applications. The concentric conductor can be used as neutral, protective or earth and connection monitoring the impacts on the cable through a control switch or a relay. These cables are used in intelligent or semi-intelligent buildings which has high dense human population like hospitals, cinemas, theatres, schools, shopping centers.

### Cable Construction

<b>Conductor</b>	Solid or Stranded Annealed Copper (IEC/EN 60228, Class 1 / Class 2)
<b>Insulation</b>	XLPE
<b>Core Colors</b>	HD 308 S2
<b>Filler</b>	HFFR
<b>Concentric Conductor</b>	Copper Wire and Copper Tape
<b>Outer Sheath</b>	HFFR
<b>Reference Standards</b>	TS IEC 60502-1, HD 604 S1

### Technical Properties

<b>Operating Voltage</b>	0.6/1 kV
<b>Test Voltage</b>	3.5 kV
<b>Max. Operating Temperature</b>	90 °C
<b>Flame Retardancy</b>	IEC/EN 60332-3-24
<b>Smoke Density</b>	IEC/EN 61034-1+2
<b>Corrosive Gases Measurement</b>	IEC/EN 60754-2
<b>Amount of Halogen Acid Gas</b>	IEC/EN 60754-1
<b>Min. Bending Radius</b>	Single Core: 15 x Cable Diameter, Multicore: 12 x Cable Diameter

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