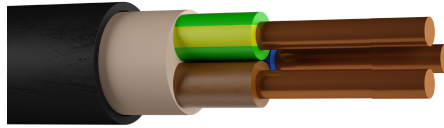


## N2XH 0,6/1 kV - Halogene-free XLPE insulated cables



### Application

Indoor applications or outdoor protected from solar radiation, layed on cable trays or in ducts.

### Global data

Standard	DIN VDE 0276-604
Type designation	N2XH

### Design features

Conductor	Copper conductor
Insulation	XLPE insulation
Inner Sheath	LSOH inner covering
Outer sheath	LSOH jacket
Available colours	Black
Marking	N2XH-J 3 x 6 RE 0,6/1 kV

### Electrical parameters

Rated voltage	0.6/1 kV (600/1000V)
Test voltage (AC)	4 kV

### Chemical parameters

Performance against fire	DIN EN 60332-1/EN 50266-2-4
Zero Halogen	EN 50268
Halogen acid gas emission	EN 50267
Smoke emission	EN 61034
Lead Free	Yes

### Thermal parameters

Max. operating temperature of conductor	90 °C
Max. operating temperature of the conductor	90 °C
Max. operating temperature of conductor at short-circuit	250 °C
Minimum installation temperature	-5 °C

Number of cores x cross section	Outer diameter nom. mm	Weight (approx.) kg/km	Conductor DC resistance at 20°C $\Omega$ /km	Current carrying capacity for install. free in air A	Delivery length m
3x1,5RE	11.1	167	12.1	24	100
4x1,5RE	11.9	194	12.1	24	100
5x1,5RE	12.8	226	12.1	24	100
7x1,5RE	13.7	276	12.1	24	1000
3x2,5RE	11.8	208	7.41	32	100
4x2,5RE	12.7	245	7.41	32	100
5x2,5RE	13.8	288	7.41	32	100
5x4RE	15	379	4.61	42	1000
5x6RE	16.1	488	3.08	53	1000
5x10RE	18.5	720	1.83	74	1000
5x25RE	26	1628	0.727	98	1000