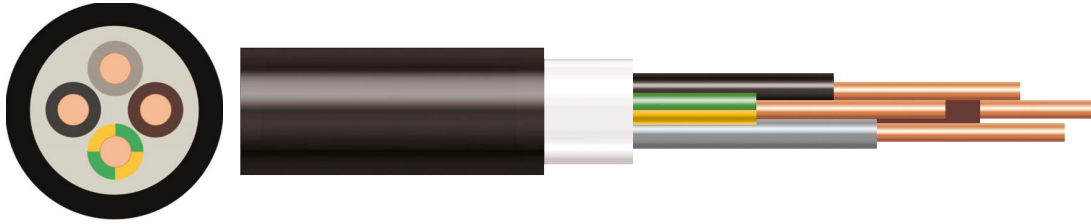



## N2XH-J LSZH POWER CABLE



N2XH-J Flame-retardant LSZH power cables suitable for installation in dry and wet zones, including indoor and outdoor use (excluding direct burial). Commonly utilized in public buildings, offices, and high-security establishments.

These widely used European power cables are designed for fixed installations with a voltage rating of 600/1000V in public buildings. They can be installed on cable trays, within conduits, or fixed to walls, but are not suitable for direct burial

<b>CONDUCTOR</b>	Plain Copper
<b>STRANDING</b>	Class 1
<b>INSULATION</b>	XLPE
<b>OUTERSHEATH</b>	LSZH
<b>OUTERSHEATH COLOUR</b>	Black
<b>RATED VOLTAGE</b>	0.6/1kV
<b>CORE IDENTIFICATION</b>	2 core: brown, blue 3 core: blue, brown and green/yellow 4 core: brown, black, grey and green/yellow 5 core: black, blue, brown, grey and green/yellow 7 core + : Numbered and green/yellow
<b>MINIMUM BENDING RADIUS</b>	During Installation: 15 x overall diameter Fixed: 10 x overall diameter
<b>OPERATING TEMPERATURE</b>	Fixed: -20°C to +90°C
<b>STANDARDS</b>	VDE 0276 part 604, VDE 0482 part 267, HS 604 S1, HS627 S1, EN 50575:2014 + EN 50575/A1:2016, IEC 60502-1
<b>APPROVALS</b>	

# SPECIFICATION DATA

BATT Part No	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm <sup>2</sup>	CONDUCTOR TYPE	NOMINAL THICKNESS OF INSULATION mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
45526	1	240	RM	1.7	24.4	2525
45509	2	1.5	RE	0.7	12	125
45681	2	2.5	RE	0.7	12.1	155
45506	3	1.5	RE	0.7	12	145
45507	3	2.5	RE	0.7	13	180
45501	3	4	RE	0.7	14	235
45508	3	6	RE	0.7	15	325
45669	3	10	RE	0.7	15.4	485
45670	3	16	RE	0.7	17.1	705
45680	3	25	RM	0.9	20.5	1080
45671	3	35	SM	0.9	22.8	1425
45547	4	1.5	RE	0.7	12	170
45529	4	2.5	RE	0.7	13	215
45525	4	4	RE	0.7	14.5	290
45539	4	6	RE	0.7	16	390
45682	4	10	RE	0.7	18.5	600
45683	4	16	RE	0.7	21	870
45603	4	25	RM	0.9	25.5	1365
45604	4	35	SM	0.9	28.5	1875
45789	4	50	SM	1	31.1	2550
45790	4	70	SM	1.1	36.2	3010
45791	4	95	SM	1.1	40.6	3960
45722	4	150	SM	1.4	49.5	6150
45786	4	185	SM	1.6	54.4	7780
45523	5	1.5	RE	0.7	13	195
45502	5	2.5	RE	0.7	14.5	255
45503	5	4	RE	0.7	16	345
45504	5	6	RE	0.7	17.5	475
45783	5	10	RE	0.7	20	735
45792	5	16	RE	0.7	23	1070
45793	5	25	RM	0.9	25.6	1605
45810	5	35	RM	0.9	28.7	2139
45546	7	1.5				
45711	7	2.5				
45524	12	1.5				
45540	12	2.5				

## ELECTRICAL CHARACTERISTICS

### Current Carrying Capacity at 30°C

NOMINAL CROSS SECTIONAL AREA mm	1 CORE IN GROUND	1 CORE IN AIR	2 CORE IN GROUND	2 CORE IN AIR	3&4 CORE IN GROUND	3&4 CORE IN AIR	7 CORE IN AIR	10 CORE IN AIR	12&14 CORE IN AIR	19 CORE IN AIR	24 CORE IN AIR
1.5	31	24	37	26	31	23	18	16	14	13	12
2.5	41	33	48	36	41	31	23	22	20	18	16
4	59	45	63	49	53	42					
6	101	58	80	63	66	54					

10	128	80	104	86	87	75					
16	144	107	136	115	113	100					
25	174	138	173	149	144	127					
35	206	169			174	158					
50	254	207			206	192					
70	301	268			254	246					
95	343	328			301	298					
120	387	382			343	346					
150	434	441			387	395					
185	501	506			434	450					
240	565	599			501	538					
300	565	693									
400	749	811									
500	843	940									

The information in this datasheet is for guidance only and subject to change without liability. Images provided are representations; actual cable dimensions may vary due to manufacturing tolerances.

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