

## Flame Retardant LSZH Power Cable to IEC332-3

### N2XH-J

XLPE, LSZH sheath

Nominal Voltage Uo/U: 0.6/1 kV

Standard: VDE 0276-604

Flame Retardancy: IEC 60332-3

Application: Flame retardant, LSZH power cable. For installation in dry and wet zones, in, on and under plaster, as well as outdoor, but not for direct burial. Mainly in public buildings offices and high security establishments

Cores Identification: 3 core blue, brown & green/yellow,

4 core: brown, black, grey & green/yellow

5 core black, blue, brown, grey & green/yellow

Sheath Colour: Black

#### NOMINAL DIMENSIONAL AND ELECTRICAL DATA

CONSTRUCTION (MM <sup>2</sup> )	INSULATION THICKNESS (APPROX) (MM)	OVERALL DIAMETER (APPROX) (MM)	COPPER WEIGHT (APPROX) (KG/KM)	WEIGHT (APPROX) (KG/KM)	BENDING RADIUS MM	SHORT CIRCUIT RATING Ka	CURRENT RATING AMPS	BATT PART NO
3x1.5	0.7	12.0	43	179	144	0.21	24	45506
3x2.5	0.7	13.0	72	225	156	0.36	32	45507
3x4	0.7	14.0	115	291	168	0.57	42	45501
3x6	0.7	15.0	173	371	180	0.86	53	45508
3x10	0.7	16.0	288	523	192	1.43	74	-
3x16	0.7	20.0	461	773	240	2.29	98	-
3x25	0.9	22.3	720	1200	288	3.58	133	-
3x35	0.9	24.9	1008	1600	324	5.01	162	-
4x1.5	0.7	13.0	58	208	156	0.21	24	45547
4x2.5	0.7	14.0	96	265	168	0.36	32	45529
4x4	0.7	15.0	154	352	180	0.57	42	45525
4x6	0.7	16.0	230	454	192	0.86	53	45539
4x10	0.7	18.0	384	647	216	1.43	74	-
4x16	0.7	20.0	614	964	240	2.29	98	-
4x25	0.9	26.0	960	1446	312	3.58	133	-
4x35	0.9	29.0	1344	1906	348	5.01	162	-
4x50	1.0	32.0	1920	2530	384	7.15	197	-
4x70	1.1	37.0	2688	3418	444	10.01	250	-
4x95	1.1	41.0	3648	4574	492	13.59	308	-
4x120	1.2	48.0	4608	5300	540	17.16	359	-
4x150	1.4	50.0	5760	6350	600	21.45	412	-
4x185	1.6	53.0	7104	7800	660	26.46	475	-
4x240	1.7	58.0	9216	10300	744	34.32	564	-
5x1.5	0.7	14.0	72	243	168	0.21	24	45523
5x2.5	0.7	15.0	120	310	180	0.36	32	45502
5x4	0.7	16.0	192	413	192	0.57	42	45503
5x6	0.7	17.0	288	536	204	0.86	53	45504
5x10	0.7	19.0	480	776	228	1.43	74	45505
5x16	0.7	22.0	768	1165	264	2.29	98	-
5x25	0.9	25.0	1200	1766	336	3.58	133	-
7x1.5	0.7	14.0	101	206	152	0.21	14.4	45546
7x2.5	0.7	15.0	168	287	162	0.36	18.2	-
7x4	0.7	16.0	269	530	204	0.57	42.0	-
10x1.5	0.7	17.0	144	287	166	0.21	12.0	-
10x2.5	0.7	18.0	240	472	190	0.36	16.0	-
12x1.5	0.7	17.0	173	328	182	0.21	11.4	45524
12x2.5	0.7	18.0	288	472	208	0.36	15.2	45540
12x4	0.7	21.0	461	820	252	0.57	21.0	-

Standards:

VDE0276-604: power cables of nominal voltages 0.6/1kv with special fire performance for use in power stations

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