



N2XH-J Flame Retardant LSZH Power Cable

Application:	Flame retardant, LSZH power cable for installation in dry and wet zones, in, on and under plaster, as well as outdoors but not for direct burial. Mainly in public buildings, offices and high security establishments
Sheath:	XLPE, LSZH
Nominal Voltage:	U _o /U:0.6/1kV
Flame Retardancy:	BS EN 60332-3-24 (Category C)
Conductor:	Class 1 (RE) / Class 2 (RM)
Cores identification:	3 core – blue, brown and green/yellow 4 core – brown, black, grey and green/yellow 5 core – black, blue, brown, grey and green/yellow
Sheath colour:	Black
Standards	VDE0276-604: power cables of nominal voltages 0.6/1kV with special fire performance for use in power stations



Type	Conductor	Construction mm	Insulation thickness (approx mm)	Overall diameter (approx mm)	Copper weight (approx KG/KM)	Weight (approx KG/KM)	Bending radius	Short circuit rating Ka	Current Ratings amps	BATT Part no.
N2XH-O	RE	1x4	0.7	7.5	38	140	135	0.57	44	-
N2XH-O	RE	1x6	0.7	8.0	58	160	150	0.86	56	-
N2XH-O	RE	1x10	0.7	8.8	96	210	150	1.43	76	-
N2XH-O	RE	1x16	0.7	9.7	154	270	180	2.29	101	-
N2XH-O	RM	1x25	0.9	10.6	240	380	210	3.58	137	-
N2XH-O	RM	1x35	0.9	12.7	336	490	225	5.01	168	-
N2XH-O	RM	1x50	1.0	14.1	480	620	240	7.15	206	-
N2XH-O	RM	1x70	1.1	16.0	672	830	270	10.01	262	-
N2XH-O	RM	1x95	1.1	17.9	912	1200	300	13.59	323	-
N2XH-O	RM	1x120	1.2	19.5	1152	1500	330	17.16	377	-
N2XH-O	RM	1x150	1.4	21.6	1440	1700	360	21.45	434	-
N2XH-O	RM	1x185	1.6	23.8	1776	2200	390	26.46	502	-
N2XH-O	RM	1x240	1.7	25.3	2304	2750	435	34.32	601	-
N2XH-O	RM	1x300	1.8	29.0	2880	3300	495	42.90	691	-
N2XH-O	RM	1x400	2.0	37.0	3840	4420	555	57.20	811	-
N2XH-O	RM	1x500	2.2	40.0	4800	5460	600	71.50	940	-
N2XH-O	RE	2x1.5	0.7	11.1	29	180	144	0.21	24	45509
N2XH-O	RE	2x2.5	0.7	11.9	48	210	144	0.36	32	45681
N2XH-O	RE	2x4	0.7	12.7	77	270	156	0.57	42	-
N2XH-O	RE	2x4	0.7	13.7	115	340	168	0.86	53	-
N2XH-O	RE	2x10	0.7	15.3	192	450	192	1.43	74	-
N2XH-O	RE	2x16	0.7	17.3	307	600	216	2.29	98	-
N2XH-O	RM	2x25	0.9	21.1	480	980	276	3.58	133	-
N2XH-J	RE	3x1.5	0.7	11.5	43	179	144	0.21	24	45506
N2XH-J	RE	3x2.5	0.7	12.4	72	225	156	0.36	32	45507
N2XH-J	RE	3x4	0.7	13.3	115	291	168	0.57	42	45501
N2XH-J	RE	3x6	0.7	14.4	173	371	180	0.86	53	45508
N2XH-J	RE	3x10	0.7	16.1	288	523	192	1.43	74	45669
N2XH-J	RE	3x16	0.7	18.2	461	773	240	2.29	98	45670
N2XH-J	RM	3x25	0.9	22.3	720	1200	288	3.58	133	-
N2XH-J	RM	3x35	0.9	24.9	1008	1600	324	5.01	162	-
N2XH-J	RM	3x50	1.0	26.0	1440	1800	348	7.15	197	-



Type	Conductor	Construction mm	Insulation thickness (approx mm)	Overall diameter (approx mm)	Copper weight (approx KG/KM)	Weight (approx KG/KM)	Bending radius	Short circuit rating Ka	Current Ratings amps	
N2XH-J	RE	4x1.5	0.7	12.2	58	208	156	0.21	24	45547
N2XH-J	RE	4x2.5	0.7	13.2	96	265	168	0.36	32	45529
N2XH-J	RE	4x4	0.7	14.2	154	352	180	0.57	42	45525
N2XH-J	RE	4x6	0.7	15.4	230	454	192	0.86	53	45539
N2XH-J	RE	4x10	0.7	17.5	384	647	216	1.43	74	45682
N2XH-J	RE	4x16	0.7	19.7	614	964	240	2.29	98	45683
N2XH-J	RM	4x25	0.9	24.5	960	1446	312	3.58	133	-
N2XH-J	RM	4x35	0.9	27.1	1344	1906	348	5.01	162	-
N2XH-J	RM	4x50	1.0	29.6	1920	2530	384	7.15	197	-
N2XH-J	RM	4x70	1.1	32.9	2688	3418	444	10.01	250	-
N2XH-J	RM	4x95	1.1	37.5	3648	4574	492	13.59	308	-
N2XH-J	RM	4x120	1.2	41.5	4608	5300	540	17.16	359	-
N2XH-J	RM	4x150	1.4	46.3	5760	6350	600	21.45	412	-
N2XH-J	RM	4x185	1.6	49.0	7104	7800	660	26.46	475	-
N2XH-J	RM	4x240	1.7	54.0	9216	10300	744	34.32	564	-
N2XH-J	RE	5x1.5	0.7	13.1	72	243	168	0.21	24	45523
N2XH-J	RE	5x2.5	0.7	14.2	120	310	180	0.36	32	45502
N2XH-J	RE	5x4	0.7	15.3	192	413	192	0.57	42	45503
N2XH-J	RE	5x6	0.7	16.6	288	536	204	0.86	53	45504
N2XH-J	RE	5x10	0.7	19.0	480	776	228	1.43	74	45505
N2XH-J	RE	5x16	0.7	21.4	768	1165	264	2.29	98	-
N2XH-J	RM	5x25	0.9	28.0	1200	1766	336	3.58	133	-
N2XH-J	RE	7x1.5	0.7	12.7	101	206	152	0.21	14.4	45546
N2XH-J	RE	7x2.5	0.7	13.5	168	287	162	0.36	18.2	45711
N2XH-J	RE	7x4	0.7	17.0	269	530	204	0.57	42.0	-
N2XH-J	RE	10x1.5	0.7	13.8	144	287	166	0.21	12.0	-
N2XH-J	RE	10x2.5	0.7	15.9	240	472	190	0.36	16.0	-
N2XH-J	RE	12x1.5	0.7	15.2	173	328	182	0.21	11.4	45524
N2XH-J	RE	12x2.5	0.7	17.3	288	472	208	0.36	15.2	45540
N2XH-J	RE	12x4	0.7	21.0	461	820	252	0.57	21.0	-
N2XH-J	RE	14x1.5	0.7	15.7	202	383	188	0.21	10.8	-
N2XH-J	RE	14x2.5	0.7	17.6	336	670	211	0.36	14.4	-
N2XH-J	RE	19x1.5	0.7	17.3	274	484	208	0.21	9.6	-
N2XH-J	RE	19x2.5	0.7	21.3	456	840	256	0.36	12.8	-
N2XH-J	RE	24x1.5	0.7	20.2	346	603	242	0.21	8.4	-
N2XH-J	RE	24x2.5	0.7	24.6	576	1050	295	0.36	11.2	-
N2XH-J	RE	30x1.5	0.7	22.6	432	730	271	0.21	7.8	-
N2XH-J	RE	30x2.5	0.7	24.5	720	1230	294	0.36	10.4	-
N2XH-J	RE	40x1.5	0.7	26.2	576	1200	314	0.21	7.2	-