



HIGH VOLTAGE CABLES

N2X(F)K2Y

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APPLICATION

The N2X(F)K2Y high-voltage cable series is tailored for robust performance in high-voltage power systems, featuring copper conductors and cross-linked polyethylene (XLPE) insulation. This combination ensures high dielectric strength and excellent thermal cycling resistance, crucial for maintaining integrity and functionality over long operational periods.

TECHNICAL DATA

RATED VOLTAGE (KV)

64/110 kV



CROSS-SECTIONS/VOLTAGE — 64/110 KV

CORES & CROSS-SECTION	COND.	RI [OHM/KM]	WI [MM]	RBV [MM]	Ø [MM]	G [KG/KM]
1×150RM	Cu	0.16	18	1.4	67	8300
1×185RM	Cu	0.13	17	1.3	66	8400
1×240RM	Cu	0.1	16.5	1.4	67	9030
1×300RM	Cu	0.08	15.5	1.4	67	9540
1×400RM	Cu	0.06	14.5	1.4	69	10410
1×500RM	Cu	0.05	14	1.4	71	11590
1×630RM	Cu	0.04	14	1.5	75	13470
1×800RM	Cu	0.03	14	1.6	80	15590
1×1000RM	Cu	0.03	14	1.7	84	17980
1×1200RMS	Cu	0.02	14	1.8	89	20530
1×1400RMS	Cu	0.02	14	1.9	94	22780
1×1600RMS	Cu	0.02	14	2	98	25280
1×1800RMS	Cu	0.02	14	2	102	27940
1×2000RMS	Cu	0.02	14	2.1	103	29610
1×2500RMS	Cu	0.01	14.5	2.2	112	35400
1×3000RMS	Cu	0.01	14.5	2.4	121	42420