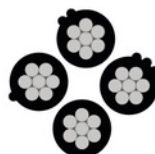


Overhead line (N)FA2X



Application: For aboveground distribution grids, primarily for public distribution grids with a highest mains voltage not above 1,2 kV.

Construction and technical data:

Standard:	VDE 0274 (Z)
Conductor material:	aluminium
Conductor construction:	Class 2 = stranded
Insulation:	XLPE
UV-resistant:	yes
For outdoor use:	yes
Permitted outer cable temperature, fixed, °C:	-20 - +80 °C



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

NFA2X

Nominal voltage U₀:	0.6 kV
Nominal voltage U:	1 kV
Maximum permitted operating voltage in three-phase systems:	1.2 kV
Test voltage:	4 kV

part no.	part name		RI [Ohm/km]	Wi [mm]	I _{bl} [A]	Ø [mm]	AI	G [kg]
011699	4X25 BK	RM	1.2	1.3	107	22	290	427
090072	1X16 BK	RM	1.91	1.2	66	8	46.4	74
090026	1X25 BK	RM	1.2	1.3	107	10	72	105
090091	1X35 BK	RM	0.868	1.3	132	11	102	133
090092	1X50 BK	RM	0.641	1.5	165	12.5	145	180
090025	1X70 BK	RM	0.443	1.5	205	14	203	258
090095	1X95 BK	RM	0.32	1.7	245	15.4	276	334
090073	2X16 BK	RM	1.91	1.2	66	15.6	93	147
090114	2X35 BK	RM	0.868	1.3	132	19.5	204	260

part no.	part name		RI [Ohm/km]	Wi [mm]	Ibl [A]	Ø [mm]	Al	G [kg]
090075	4X16 BK	RM	1.91	1.2	66	18.8	186	285
090023	4X35 BK	RM	0.868	1.3	132	25	406	620
090029	4X50 BK	RM	0.641	1.5	165	28	580	785
090024	4X70 BK	RM	0.443	1.5	205	32	812	1032
090078	4X70 + 1X25 BK	RM	0.443	1.5	205	36	885	1105
090105	4X70 + 1X35 BK	RM	0.443	1.5	205	36.2	914	1150
090098	4X70 + 2X25 BK	RM	0.443	1.5	205	37.6	956	1232
090080	4X70 + 2X35 BK	RM	0.443	1.5	205	40.1	1016	1254
090030	4X95 BK	RM	0.32	1.7	245	37	1102	1332
090108	4X95 + 1X35 BK	RM	0.32	1.7	245	41.8	1204	1468

RI	Conductor resistance
Wi	Insulation wall thickness
Ibl	Ampacity in air (30 °C)
Ø	outer diameter approx.
Al	Aluminium weight (GER)
G	net weight per 1000

