



FR-N1XD4-AR (X00-A) FR-N1XD9-AR (X00/0-A)

XLPE insulated Aerial Bundled Cables

APPLICATION

For distributive low overhead network in the city, pros urban and rural areas.
For supply of remote facilities and villages of temporary and permanent character.
For above-ground house connections.

TECHNICAL CHARACTERISTICS

CPR Class: Fca
Test voltage: 4 Kv
Rated voltage: 0,6/1 kV
Max. conductor temperature: 80°C
Max. short-circuit temperature: 130°C

CONSTRUCTION

Phase conductor: Circular compacted Al rope, class 2
Neutral conductor: Circular compacted Al or Al Alloy rope, class 2
Insulation: XLPE compound

STANDARD

HD 626 S1, NF C33-209, JUS N.C5.250

CORE IDENTIFICATION

According to HD 626 S1

CERTIFICATION

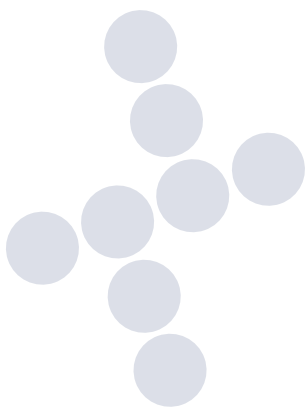


PHASE CONDUCTOR:

NOMINAL CROSS-SECTION mm ²	MIN. WIRE NUMBER No	OUTER DIAM. OF CONDUCTOR mm		COND. RESISTANCE 20°C Ω/km	MAX. CURRENT CAPACITY IN AIR AT 30°C A	MAX. SHORT - CIRCUIT CAPACITY kA	BREAKING LOAD OF MESSENGER daN	INSULATION THICKNESS mm	INSULATED CORE DIAM. mm	
		MIN	MAX						MIN	MAX
16	7	4,6	5,1	1,910	93	1,5	-	1,2	7,0	7,8
25	7	5,8	6,3	1,200	112	2,34	-	1,4	8,6	9,4
35	7	6,8	7,3	0,868	131	3,25	-	1,6	10,0	10,9
50	7	7,9	8,4	0,641	168	4,67	-	1,6	11,1	12,0
70	12	9,7	10,2	0,443	213	6,54	-	1,8	13,3	14,2
95	19	11	12	0,320	258	8,88	-	1,8	14,6	15,7
120	19	12	13,1	0,253	300	11,22	-	1,8	15,6	16,7
150	19	13,9	15	0,206	344	14,02	-	1,7	17,3	18,6

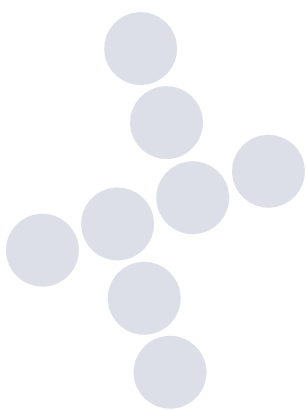
MESSENGER:

NOMINAL CROSS-SECTION mm ²	MIN. WIRE NUMBER No	OUTER DIAM. OF CONDUCTOR mm		COND. RESISTANCE 20°C Ω/km	MAX. CURRENT CAPACITY IN AIR AT 30°C A	MAX. SHORT - CIRCUIT CAPACITY kA	BREAKING LOAD OF MESSENGER daN	INSULATION THICKNESS mm	INSULATED CORE DIAM. mm	
		MIN	MAX						MIN	MAX
54,6	7	9,20	9,60	0,630	-	-	1660	1,6	12,30	13,00
70	7	10,00	10,20	0,500	-	-	2050	1,5	12,90	13,60
71,5	7	9,2	-	0,628	-	-	2050	1,6	12,2	13,3
95	7	12,20	12,90	0,340	-	-	2750	1,6	15,30	16,30



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PRODUCT	MAX. LAY LENGTH	APPROX. OUTER DIAMETER	APPROX. WEIGHT OF CABLE	PACKING	PACKING - DRUM
	mm	mm	kg/km	m	No
FR-NIXD4-AR (X00-A) 2x16	300	15,0	137	500	8
FR-NIXD4-AR (X00-A) 4x16	350	18,0	270	500	9
FR-NIXD4-AR (X00-A) 2x25	350	18,4	214	1000	12
FR-NIXD4-AR (X00-A) 4x25	430	22,2	431	1000	13
FR-NIXD4-AR (X00-A) 4x35	450	23,7	550	1000	13
FR-NIXD4-AR (X00-A) 4x50	480	27,5	740	1000	15
FR-NIXD4-AR (X00-A) 4x70	550	31,9	1000	500	15
FR-NIXD4-AR (X00-A) 4x95	600	37,0	1334	500	16
FR-NIXD9-AR (X00/0-A) 3x35+54,6	760	24,6	370	1000	15
FR-NIXD9-AR (X00/0-A) 3x35+70	760	29,8	688	1000	15
FR-NIXD9-AR (X00/0-A) 3x35+70+2x16	760	29,8	825	1000	16
FR-NIXD9-AR (X00/0-A) 3x50+54,6	850	33,1	782	1000	16
FR-NIXD9-AR (X00/0-A) 3x50+70	850	33,1	809	1000	16
FR-NIXD9-AR (X00/0-A) 3x50+70+2x16	850	33,1	945	1000	16
FR-NIXD9-AR (X00/0-A) 3x70+54,6	980	38,1	1020	500	16
FR-NIXD9-AR (X00/0-A) 3x70+70	980	38,6	1044	500	16
FR-NIXD9-AR (X00/0-A) 3x70+70+2x16	980	38,6	1181	500	16
FR-NIXD9-AR (X00/0-A) 3x95+70	1100	42,0	1289	500	18
FR-NIXD9-AR (X00/0-A) 3x120+70	1200	45,0	1523	500	20
FR-NIXD9-AR (X00/0-A) 3x150+70	1300	49,0	1799	500	20



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