

# Preduzeće za proizvodnju elektroprovodnika “ELKOK” AD Kosjerić, Olge Grbić 3

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## Self-supporting cable bundle with XPLE insulation

### STANDARDS

SRPS HD 626 S1,  
part 6, section E

### TYPE

FR-N1XD9-AR



### PRODUCT DESCRIPTION

Cables consist of aluminium conductors and neutral supporting conductor insulated with crosslinked polyethylene. Supporting conductor can be made of aluminium alloy. Insulated cores are mutually stranded around supporting conductor.

Conductor: SRPS EN 60228, class 2

Neutral supporting conductor: Aluminum alloy ref 6101.

Insulation: XLPE TIX-5 acc to HD 626, black colour.

Rated voltage: 0,6/1 kV

Test voltage: 4 kV

Operative temperature: 90°C

### AREA OF USE

Self-supporting cable bundle is used in overhead distribution low voltage networks, for home connections, street lights, sport venues, public facilities, industry plants, for power supply of low voltage consumers.

### PACKAGING

Cable is packaged on suitable wooden drums.

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## TECHNICAL CHARACTERISTICS

Core number and conductor cross section (mm <sup>2</sup> )	Electrical Resistance at 20°C (Ω/km)	Insulation thickness (mm)	External core diameter (mm)		Cable weight Approx. (kg/km)	Cable diam Approx. (mm)	Packaging (m)	Drum size
			min	max				
FR-N1XD9-AR 3x35+54,6+2x16 35 mm <sup>2</sup> 54,6 mm <sup>2</sup> 16 mm <sup>2</sup>	0,868 0,630 1,91	1,6 1,6 1,2	10,0 12,3 7,0	10,9 13,0 7,8	835	33	500	1200
FR-N1XD9-AR 3x35+54,6 35 mm <sup>2</sup> 54,6 mm <sup>2</sup>	0,868 0,630	1,6 1,6	10,0 12,3	10,9 13,0	699	33	500	1200
FR-N1XD9-AR 3x50+54,6+2x16 50 mm <sup>2</sup> 54,6 mm <sup>2</sup> 16 mm <sup>2</sup>	0,641 0,630 1,91	1,6 1,6 1,2	11,1 12,3 7,0	12,0 13,0 7,8	1005	36	500	1400
FR-N1XD9-AR 3x50+54,6 50 mm <sup>2</sup> 54,6 mm <sup>2</sup>	0,641 0,630	1,6 1,6	11,1 12,3	12,0 13,0	869	36	500	1400
FR-N1XD9-AR 3x70+54,6+2x16 70 mm <sup>2</sup> 54,6 mm <sup>2</sup> 16 mm <sup>2</sup>	0,443 0,630 1,91	1,8 1,6 1,2	13,3 12,3 7,0	14,2 13,0 7,8	1190	37,5	500	1400
FR-N1XD9-AR 3x70+54,6 70 mm <sup>2</sup> 54,6 mm <sup>2</sup>	0,443 0,630	1,8 1,6	13,3 12,3	14,2 13,0	1054	37,5	500	1400