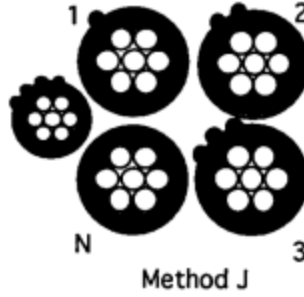


**NFA2X 3x50RMAL+70RMAA+25RMAL mm<sup>2</sup>**  
**0.6/1 (1.2) kV**  
**HD 626 S1: Part 6 – Section D\***



\*illustrative only

	<b>Construction</b>	<b>Material</b>	<b>Size</b>	<b>Diameter** (mm)</b>
<b>I</b>	<b>Phase Conductors, 1-2-3</b>	Al	7wires , RMC	8.1
	<b>Neutral Conductor, N</b>	AlMgSi	7wires , RMC	9.7
	<b>PSL Conductor</b>	Al	7wires , RMC	5.9

II	<b>Phase Insulation, TIX-4</b>	XLPE, Bk		11.1
	<b>Neutral Insulation, TIX-4</b>		Nom.th.: 1.5 mm	12.7
	<b>Public street lighting conductor, TIX-4</b>		Nom.th.: 1.5 mm Nom.th.: 1.3 mm	8.5
III	<b>Assembly of cores</b>		Hand of lay: Right (Z) Max. pitch: 102 cm	29.5
IV	<b>Core identification</b>			
	<b>Core no. 1</b>		1 longitudinal rib (embossing)	
	<b>Core no. 2</b>		2 longitudinal ribs (embossing)	
	<b>Core no. 3</b>		3 longitudinal ribs (embossing)	
	<b>Core N</b>	[Producer name]	NFA2X 3x50RM + 1x70RM + 1x25RM 0.6/1 kV [year] 0001	
	<b>Core PSL</b>		4 longitudinal ribs (embossing)	
V	<b>Way of marking,</b>		Ink jet, ,	
	<b>Core no. N</b>		1 x text marking / 1m of cable	

- Partial applied; \*\* informative only!

Type	Max. current carrying capacity, at conductor temperature 90 °C, in air at 25 °C, direct sunlight, wind velocity 0.6 m/s and maximum solar radiation 1000 W/m <sup>2</sup>		Mass of complete cable Approx. [kg/km]
	Max. short circuit temperature, (≤5s) [°C]	Max. continuous load [A]	
NFA2X 3x50+70+25	250	195	875

\*\* \*Max. continuous load for public street lighting conductor: 105 [A]

**Applications:**

Overhead distribution and service, fixed installations

**Electrical characteristics:**

Max. electrical DC resistance of phase conductor, @ 20 °C: 0.641Ω/km

Max. electrical DC resistance of neutral conductor, @ 20 °C: 0.493Ω/km

Max. electrical DC resistance of public street lighting conductor, @ 20 °C: 1.20Ω/km

**Installation conditions:**

Operation temperature: - 25 °C to +40 °C

Min. installation temperature: - 20 °C

(below 0°C special precaution shall be taken)

Min. breaking load of messenger: 20.6 kN

Min. installation bending radius: 620 mm