

NF2X Cable/NFA2X Bundle Conductor Cable Application

Self-supporting overhead cable bundle, applied for electric power distribution in low voltage metropolitan, suburban and rural networks, for public lighting and house connections. Laid on pillars, consoles and house fronts.

NF2X Cable/NFA2X Bundle Conductor Cable Standard

HD 626 S1, VDE 0276-626

Abbreviation

N - Standard Cable type

F - Facade Cable

A - Aluminium conductor

2X - XLPE insulation

+N - with 'Messenger' Core

Round stranded Conductor for all sizes connection derived from the distribution system.

Bundle Conductor Cable Construction

Conductor - NF2X: Stranded Copper Conductor - NFA2X: Stranded All Aluminium Conductor

Bundle Conductor Cable Insulation

Extruded of XLPE, capable for continuous operation at maximum cable's temperature

NF2X Cable PARAMETER

PHYSICAL PROPERTIES					ELECTRICAL PROPERTIES	
Cable Size	Insulation Thickness	Approx. Twisted Diameter	Approx. Net. Weight	Max. Conductor Resistance at 20 °C	Current Carrying Capacity at 35 °C	Calculated Breaking Force
mm ²	mm	mm	Kg/km	Ω/km	A	kg
2x6rm	1.2	13	147	3.08	54	394
2x10rm	1.2	14	228	1.83	73	656
2x16rm	1.2	16	350	1.15	97	1,051
4x6rm	1.2	15.7	294	3.08	54	788
4x10rm	1.2	170	455	1.83	73	1,312
4x16rm	1.2	190	700	1.15	97	2,102
4x25rm	1.4	240	1,072	0.727	133	3,284

NFA2X Cable PARAMETER

PHYSICAL PROPERTIES					ELECTRICAL PROPERTIES	
Cable Size	Insulation Thickness	Approx. Twisted Diameter	Approx. Net. Weight	Max. Conductor Resistance at 20 °C	Current Carrying Capacity at 35 °C	Calculated Breaking Force
mm ²	mm	mm	Kg/km	Ω/km	A	kg
2x10rm	1.2	14	94	3.08	54	322
2x16rm	1.2	16	138	1.91	72	515
4x10rm	1.2	17	187	3.08	54	644
4x16rm	1.2	19	272	1.91	72	1030
4x25rm	1.4	24	423	1.2	102	1610
4x35rm	1.6	27	564	0.868	125	2250