

DATA SHEET

NA2XY

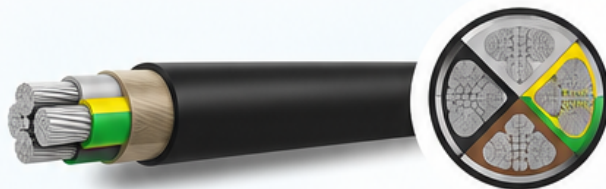
AL/XLPE/PVC POWER CABLE

0.6/1 kV | CLASS 2 | IEC 60502-1 | CPR Eca

NA2XY is a low voltage power cable with stranded aluminium conductors, XLPE insulation and PVC outer sheath. It is designed for fixed installation in ground, in open air, indoors, in concrete or in cable ducts where mechanical damage is not expected. Suitable for distribution networks, industrial and commercial installations.



REF: NA2XY



CONSTRUCTION

Conductor	Stranded aluminium, Class 2 (EN 60228)
Insulation	XLPE (cross-linked polyethylene)
Core identification	Brown, black, grey, green/yellow (3 x phase + 1 x PE)
Filler	Non-hygroscopic filler (where applicable)
Outer sheath	PVC, black

TECHNICAL DATA

Rated voltage (Uo/U)	0.6/1 kV (Um 1.2 kV)
Test voltage	4 kV
Max. conductor temperature	90 °C
Max. short-circuit temperature	250 °C (max. 5 sec.)
Min. bending radius	12 x D (multicore cable)
Min. laying temperature	-5 °C
CPR classification	Eca

STANDARDS



IEC 60502-1
HD 603 / DIN VDE 0276-603
EN 60228
EN/IEC 60332-1-2

APPLICATIONS



For fixed installation in ground, in open air, indoors, in concrete or in cable ducts where mechanical damage is not expected. Suitable for distribution networks, industrial and commercial installations.



Residential buildings



Industrial buildings



Commercial buildings



Infrastructure projects

TECHNICAL DATA (3 x CORE + 1 x CORE)

Cross-section 3 x 1 x x mm ²	Conductor construction	Insulation thickness mm	Max. resistance at 20 °C Ω/km	Current carrying capacity (A)		Outer diameter (approx.) mm	Cable weight (approx.) kg/km
				In air	In ground		
3 x 70 + 1 x 35	SM/SM	1.1 / 0.9	0.443 / 0.868	191	196	28.8	935
3 x 95 + 1 x 50	SM/SM	1.1 / 1.0	0.320 / 0.641	234	234	32.2	1,120
3 x 120 + 1 x 70	SM/SM	1.2 / 1.1	0.253 / 0.443	273	268	34.6	1,430
3 x 150 + 1 x 70	SM/SM	1.4 / 1.1	0.206 / 0.443	311	300	38.5	1,950
3 x 185 + 1 x 95	SM/SM	1.6 / 1.1	0.164 / 0.320	360	342	42.4	2,345
3 x 240 + 1 x 120	SM/SM	1.7 / 1.2	0.125 / 0.253	427	398	47.2	2,980
3 x 300 + 1 x 150	SM/SM	1.8 / 1.4	0.100 / 0.206	507	457	56.7	3,663

Note: Dimensions and weights are approximate.

CORE IDENTIFICATION (IEC 60446 / HD 308 S2)



L1
Brown



L2
Black



L3
Grey



PE
Green/Yellow

OUTER SHEATH COLOUR



Black

Other colours available
on request.

PACKAGING



Standard drums
(other upon request)



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