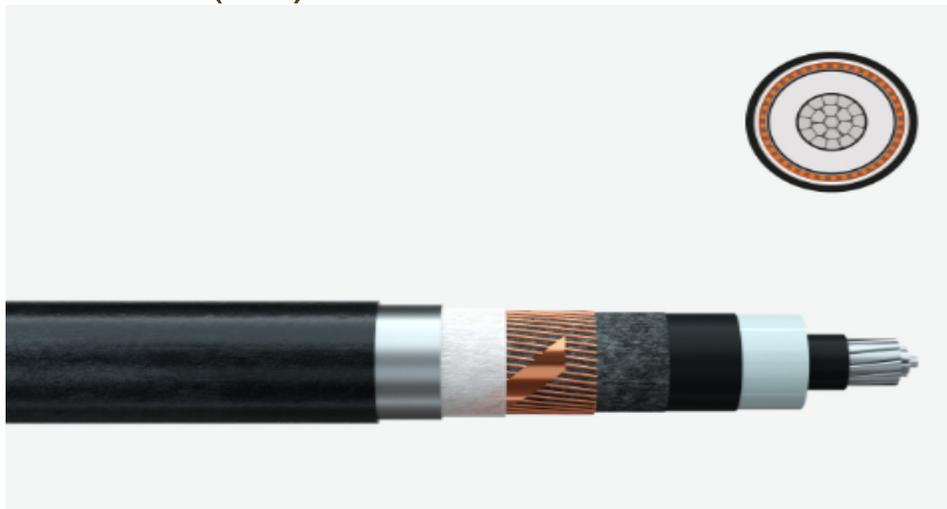


NA2XS(FL)2Y



Construction

Class 2 Stranded Aluminium

Inner conductive layer

Core insulation: Cross-linked Polyethylene (XLPE)

Outer conductive layer

Longitudinally water-tight wrapping

Copper wire screen with one or two counter-spiral copper bonds

Metal tape securely attached to the PE sheath

Outer sheath: Rigid PE (polyethylene),Black

Applications

Engineered for fixed indoor and outdoor power transmission, this cable is ideal for industrial facilities, substations, and commercial infrastructure. Its versatile design supports direct underground burial, underwater laying, and installation in cable trays for power plants and distribution networks.

Standards

DIN VDE 0276-620

HD 620

EN 60228

IEC 60502-2

Specification

Maximum Conductor Temperature:	90
Max. temperature during short circuit(≤5S)	250
Minimum Bending Radius	15x

Technical Data

Number of cores and nominal cross section (mm ²)	Overall diameter approx. (mm)	Cu weight (kg/km)	Cable weight appr. (kg/km)	Conductor DC resistance at 20°C	Current carrying capacity ground A	Current carrying capacity air A
6/10 (12) kV						
1 x 50 RM/16	30	182	650	0.641	194	215
1 x 70 RM/16	32	182	736	0.443	236	269
1 x 95 RM/16	33	182	852	0.32	281	327
1 x 120 RM/16	34	182	950	0.258	318	377
1 x 150 RM/25	36	283	1128	0.203	350	424
1 x 185 RM/25	38	283	1269	0.165	393	485
1 x 240 RM/25	40	283	1473	0.125	453	573
1 x 300 RM/25	42	283	1679	0.100	507	652
1 x 400 RM/35	46	394	2076	0.0778	559	741
1 x 500 RM/35	49	394	2439	0.0605	622	838
12/20 (24) kV						
1 x 50 RM/16	35	182	806	0.641	195	217
1 x 70 RM/16	36	182	903	0.443	237	270
1 x 95 RM/16	38	182	1029	0.32	282	328
1 x 120 RM/16	39	182	1135	0.258	320	378
1 x 150 RM/25	41	283	1320	0.203	353	425
1 x 185 RM/25	43	283	1474	0.164	396	485
1 x 240 RM/25	45	283	1750	0.125	457	573
1 x 300 RM/25	47	283	1911	0.100	511	652
1 x 400 RM/35	50	394	2330	0.0778	566	740
1 x 500 RM/35	54	394	2708	0.0605	630	838
18/30 (36) kV						
1 x 50 RM/16	39	182	1036	0.641	196	217
1 x 70 RM/16	40	182	1146	0.443	238	270
1 x 95 RM/16	42	182	1286	0.32	284	328
1 x 120 RM/16	44	182	1404	0.258	322	378
1 x 150 RM/25	45	283	1598	0.203	355	425
1 x 185 RM/25	47	283	1776	0.164	400	485
1 x 240 RM/25	49	283	2004	0.125	461	572
1 x 300 RM/25	52	283	2300	0.100	516	649
1 x 400 RM/35	55	394	2682	0.0778	572	737
1 x 500 RM/35	57	394	3150	0.0605	638	835