Application

Where there is a risk of fire, NA2XRH XLPE SWA LSZH Cable is utilized in refineries, hotels, schools, tunnels, high buildings, hospitals, power plants, data processing centers, and populous commercial areas.

Performance

Electrical performance U_0/U:0.6/1kV
Chemical performance :chemical,UV&oil resistance
Mechanical performance: minimum bending radius:15 x overall diameter
Terminal performance : Fixed: -5°C to +90°C
Fire performance:
-Flame Retardant in accordance with Standard IEC/EN 60332-1-2 and IEC/EN 60332-3-24
Low Smoke Zero Halogen as per IEC/EN 60754-1/2 and IEC/EN 61034-1/2 Standards

Construction

Conductor: stranded class 2 aluminum conductor
Insulation: XLPE (Cross-linked polyethylene)
Filler: LSZH (Low Smoke Zero Halogen)
Armoring: SWA(Galvanized round steel wire)
Sheath: LSZH (Low Smoke Zero Halogen)
Core Identification:
Two cores: Blue Brown
Three cores:brown,black,gray
Four cores:brown,black ,gray,blue
Five cores:brown,black,gray,black,blue
Sheath Colour: black

Specification

-IEC 60502-1, EN 50267-2-1, EN 60228 Standard

Eastful Cable Lab

We have CNAS Accredited Facility to assure conformity assessment services with a focus on quality, expertise, and customer satisfaction.
CNAS has international mutual recognition among IAF, ILAC, APLAC and PAC.

Accreditation

We meet the requirements of ISO9001, ISO14001, ISO45001 and ISO50001 and our cables have certificate of CCC, RoHS, CASC, UL, cUL, TÜV Rhineland and CCS.

National Green Factory

Our facility has been awarded of National Green Factory by Ministry of Industry and Information Technology of China.
We are committed to the development of high-end, intelligent and green manufacturing industry.

*The overall energy consumption level of green factories is better than the energy efficiency benchmark level.

Technical Parameters

Physical Performance and Resistance				
No. of Cores	Nominal Cross Section Area	Nominal Overall Dia.	Nominal Weight	Max. D.C. Resistance of Conductor at 20°C
-	mm^2	mm	kg/km	Ω/km
4	25	29.1	1643	1.2
4	35	32.2	1970	0.868
4	50	37.7	2754	0.641
4	70	43	3696	0.443
4	95	48.2	4546	0.32
4	120	52.2	5264	0.253
4	150	57.7	6289	0.206
4	185	66.9	8596	0.164
4	240	74	10334	0.125
5	16	25.3	1314	1.94
5	25	31.9	1923	1.2
5	35	36.1	2547	0.868
5	50	42.3	3576	0.641
5	70	47.5	4388	0.443
5	95	54.1	5575	0.32

Electrical Performance		
Nominal Cross Section Area	Current Carrying Capacity	
	in ground	in air
mm^2	A	A
25	90	97
35	112	120
50	136	146
70	174	187
95	211	227
120	245	263
150	283	304
185	323	347
240	382	409
16	90	77
25	112	97
35	136	120
50	174	146
70	211	187
95	245	227