



ABC & NFA2X & X00-A & X00/0-A & AER

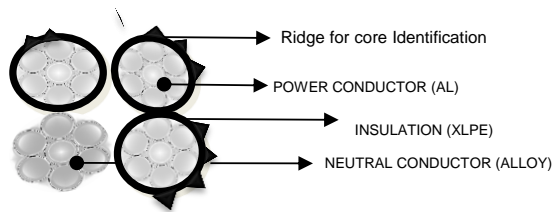
Multiwire Aluminium Conductor / XLPE insulated / Supporting Neutral Conductor

Low Voltage Bundle Energy Cable

Rated Voltage: U_o/U; 0,6 / 1 kV

INTEKAR GLOBAL Corporation

Standard: TS HD 626 S1 & HD 626 S1



Technical Data		Cable Structure	
Core temperature, max.	90°C in Operation	Conductor	TS HD 626 S1
Max. Short Circuit Temperature	250°C / 5 sec.	Insulation	TS HD 626 S2
Bending Radius, min.		Color of Insulation	Black, XLPE TS HD 626 S3

Application

Power cable with insulation of XLPE that is used for overhead power distribution, and in places instead of bare conductor in low voltage line networks. Sites that are close to dangers and are dangerous for human life, places where underground cables are not used instead of uninsulated lines, streets and road lighting networks, rural areas, are used in houses. This cable types are designed for aerial power lines.

Number of wires x Nominal Cross Section	INSULATED CONDUCTORS (AL)					INSULATED CONDUCTORS (ALLOY)			CABLE	
	Number of wires and cross section	Number of Wires	Average Diameter of Conductor (Approx.)	Conductor DC Resistance at 20 °C	Current carrying capacity	Average Diameter of Supporting Wire	Minimum Brekaing Strength	Conductor DC Resistance at 20 °C	Average Dimater of Bending (Approx.)	Weight of Cable (Approx.)
No x mm ²	mm ²	Pieces	mm	ohm/km	A	mm	kN	ohm/km	mm	kg/km
1x16 + 25	1x16	1	4,4	1,91	75	5,9	7,4	1,38	15	135
1x25 + 35	1x25	7	5,9	1,20	100	6,9	10,3	0,986	17	210
1x35 + 50	1x35	7	6,9	0,868	125	8,1	14,2	0,72	20	265
3x16 + 25	3x16	1	4,4	1,91	70	5,9	7,4	1,38	22	270
3x25 + 35	3x25	7	5,9	1,20	90	6,9	10,3	0,986	26	410
3x35 + 50	3x35	7	6,9	0,868	115	8,1	14,2	0,72	30	565
3x50 + 70	3x50	7	8,1	0,641	140	9,7	20,6	0,493	35	750
3x70 + 95	3x70	7	9,7	0,443	180	11,4	27,9	0,363	41	1050
3x120 + 95	3x120	19	13,0	0,253	250	11,4	27,9	0,363	47	1560
4x16 + 25	4x16	1	4,4	1,91	70	5,9	7,4	1,38	24	380
4x25 + 35	4x25	7	5,9	1,20	90	6,9	10,3	0,986	28	495
4x35 + 50	4x35	7	6,9	0,868	115	8,1	14,2	0,72	32	680
4x50 + 70	4x50	7	8,1	0,641	140	9,7	20,6	0,493	38	910
4x70 + 95	4x70	7	9,7	0,443	180	11,4	27,9	0,363	45	1340