

HENANJINSHUICABLEGROUP CO., LTD.

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**Technical Data for
NA2XSY 18/30kV (36kV) 120 mm² (Single core)**

No.	Description	Unit	Data Offered by Bidder
1	Manufacture		Henan Jinshui Cable Group Co., LTD.
2	Cable name		Medium voltage power cable
3	Standard		IEC60502, IEC60228 , IEC 60287-1, IEC 60811 IEC 104
4	Nominal Tension of System	kV	18/30
5	Max operational Tension	kV	36
6	Short-circuit level	MVA	500
7	Rated frequency	Hz	49--61
8	Phase Conductor Material		Aluminium
9	Phase Conductor class		Medium Voltage Power Cable
10	Conductor size	mm ²	120, 19 strand
11	Max. operating temperature of		90
12	Form of conductor		Circular compacted stranded
13	Conductor diameter, approx.	mm	13.0
14	Conductor D.C. resistance at 20°C	Ω/km	0.253
15	Conductor shield material		Semi-conductive compound
16	Conductor shield material thickness, approx.	mm	0.8
17	Insulation Material		XLPE
18	Nominal Insulation Thickness, approx.	mm	8.0
19	Insulation shield material		Semi-conductive compound
20	Insulation shield material thickness,	mm	1.0
21	Metal screen material		Copper wire+ copper tape
22	Metal wire number and diameter, No./Dia,	mm	32/0.82
23	Open helical copper ribbon thickness	mm	0.10
24	Nominal diameter of metal screen, approx.	mm	34.40
25	Outer sheath material		PVC