

N2XS2Y HD620 XLPE PE - 12/20 (24)kV Cable



APPLICATION

Medium voltage cables for distribution networks; also for connection to generation units and plant and process connection. For installation in ground, in water outdoors, indoors and in cable ducts for power stations, industry, and distribution networks.

CHARACTERISTICS

Voltage Rating U_0/U (Um)

12/20 (24)kV

Test Voltage

42kV

Temperature Rating

-20°C to +90°C

Minimum Bending Radius

15 x overall diameter

STANDARDS

EC 60502-2, DIN VDE 0276-620, HD 620, IEC/EN 60228

THE CABLE TEST

We have world-class testing facility, and made rigorous testing regime, every meter of cable before leaving the factory must go through strict testing, testing qualified products will be shipped to customers, effectively ensure product quality and meet customer requirements.

SUSTAINABILITY COMMITMENT

Guowang Cable actively implements the "carbon reduction" goal, strives to promote the green's low-carbon transformation, strengthens energy-saving and emission reduction technology innovation, and promotes the company's healthy and sustainable development.

CONSTRUCTION

Conductor

Class 2 stranded copper conductor

Inner Semi-Conductive Layer

Semi-conductive material

Insulation

XLPE (Cross-Linked Polyethylene)

Outer Semi-Conductive Layer

Semi-conductive material

Screen

Copper wires

Sheath

PE (Polyethylene)

Sheath Colour

● Black

DIMENSIONS

NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²		NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
	Conductor	Copper Wire Screen		
1	35	16	32	1000
1	50	16	33	1150
1	70	16	35	1350
1	95	16	36	1600
1	120	16	38	1850
1	150	25	39	2250
1	185	25	41	2600
1	240	25	44	3150
1	300	25	46	3800
1	400	35	49	4750
1	500	35	52	5800

ELECTRICAL CHARACTERISTICS

NOMINAL CROSS SECTIONAL AREA mm ²		CURRENT CARRYING CAPACITY IN TREFOIL Amps	
Conductor	Copper Wire Screen	In Ground	In Air
35	16	189	200
50	16	222	239
70	16	271	297
95	16	323	361
120	16	367	416
150	25	409	470
185	25	461	538
240	25	532	634
300	25	599	724
400	35	671	829
500	35	754	953

The information contained within this datasheet is for guidance only and is subject to change without notice or liability. All the information is provided in good faith and is believed to be correct at the time of publication. When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.