

APPLICATION FOR TEST REPORT

On Behalf of

Nanyou cable (Shanghai) Co. , Ltd.

NY-CABLE

Model:

DRAG300A,DRAG300P,DRAG300SP,DRAG300VP,DRAG600,
DRAG600A,DRAG300SVP,DRAG300SP,DRAG800,DRAG800A,
DRAG800P,DRAG800VP,DRAG800SP,DRUM500,DRUM800,
F300VFB,F300,F300FF,SERV0400,SERV0430,PI60,PI80,PI60,FW,
FW2000,TRVV,RVV-NBR,YVFB,YFFB,YVFBG,YFFBG,RVV1G,
RVV2G,RVVY,RVVP,PUR800,"DRAGX,DRAGXA,DRAGXP,DRAGXVP,
DRAGXVP,DRAGXA,DRAGXSP,DRAGXVP,DRAGXSP,DRAGXSVP,
DRUMX,FXVFB,FX,FXFF,SERVX,PX,FWX,TRVVX,RVVX,YVFBX,
YFFBX,YVFBGX,YFFBGX,YFFBGX,RVVXG,RVVYX,RVVPX,PURX,
TW05 ,TW05U,TWX,"X" can be 0000-9999"

Prepared For : Nanyou cable (Shanghai) Co. , Ltd.

Building 2, Lane 4880, Hunan Highway, Pudong
New District, Shanghai

Prepared By : Beide (Shenzhen) Product Service Limited

6F, Bldg E, Hourui 3rd Ind Zone, Xixiang, Bao'an
Dist, Shenzhen, China

Date of Test : 2022-10-20 to 2022-10-27

Date of Report : 2022-10-27

Report Number : B-S2210A3606

LVD Report EN 50525-1 Electric cables — Low voltage energy cables of rated voltages up to and including 450/750 V (U₀/U) Part 1: General requirements	
Testing laboratory	Beide (Shenzhen) Product Service Limited
Address	6F, Bldg E, Hourui 3rd Ind Zone, Xixiang, Bao'an Dist, Shenzhen, China
Report body.....	Beide (Shenzhen) Product Service Limited
Address	6F, Bldg E, Hourui 3rd Ind Zone, Xixiang, Bao'an Dist, Shenzhen, China
Applicant	Nanyou cable (Shanghai) Co. , Ltd.
Address	Building 2, Lane 4880, Hunan Highway, Pudong New District, Shanghai
Client ID.....	CA4032
Report Query.....	
Standard	EN 50525-1:2011
Test Result	Compliance with EN 50525-1:2011
Procedure deviation	N.A.
Non-standard test method	N.A.
Type of test object	NY-CABLE
Trademark	N.A.
Rating	300/500V
Model/type reference	DRAG300
Manufacturer	Nanyou cable (Shanghai) Co. , Ltd.
Address	Building 2, Lane 4880, Hunan Highway, Pudong New District, Shanghai

General remarks

This report shall not be reproduced except in full without the written approval of the testing laboratory.

The test results presented in this report relate only to the item(s) tested.

"(see appended table)" refers to a table appended to the report.

"(see remark #)" refers to a remark appended to the report.

"(see Annex #)" refers to an annex appended to the report.

Throughout this report a comma (point) is used as the decimal separator.

Photos-document:

(See appendix 1)

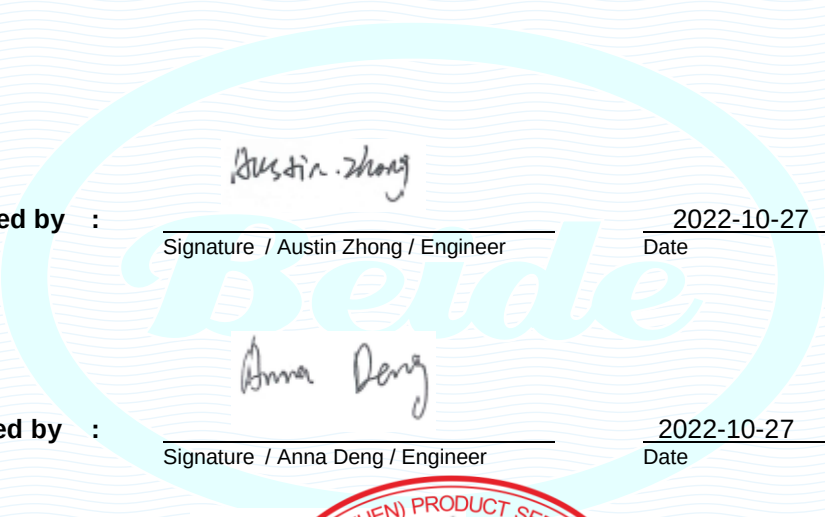
Copy of marking plate:

(See appendix 2)



Possible test case verdicts :	
test case does not apply to the test object :	N(A.)
test object does meet the requirement :	P(ass)
test object does not meet the requirement :	F(ail)

Test by: **Beide (Shenzhen) Product Service Limited.**
6F, Bldg E, Hourui 3rd Ind Zone, Xixiang,
Bao'an Dist, Shenzhen, China



Reported by : Austin Zhong 2022-10-27
 Signature / Austin Zhong / Engineer Date

Checked by : Anna Deng 2022-10-27
 Signature / Anna Deng / Engineer Date

Approved by : Marin Wang 2022-10-27
 Signature / Marin Wang / Manager Date



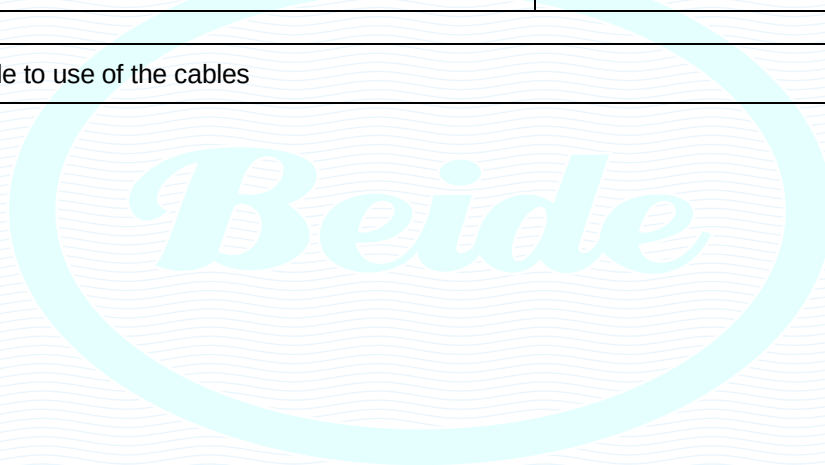
EN 50525-1			
Clause	Requirement – Test	Result - Remark	Verdict
5	Requirements for the construction of cables		P
5.1	General		P
	The requirements given in this Part 1 shall apply to all cables in EN 50525, except where otherwise specified in the particular specification.		P
5.2	Conductors		P
5.2.1	Material		P
	The conductors shall be copper, and in accordance with EN 60228.		P
	The wires of conductors may be plain or metal coated, for example with tin or silver. Coated wires shall be covered with a continuous layer of the coating.		P
	There shall be no visible gaps in the continuous layer, when examined with normal or corrected vision.		P
5.2.2	Construction		P
	The maximum diameters of the wires of flexible conductors and the minimum number of the wires of rigid conductors shall be in accordance with EN 60228.		P
	The classes of the conductors relevant to the various types of cables are given in the particular specifications.		P
5.2.3	Separator between conductor and insulation		P
	Unless otherwise specified in the particular specification it is permitted to place a separator tape between the conductor and the insulation.		P
5.2.4	Check of construction		P
	Compliance with the requirements of 5.2.1, 5.2.2 and 5.2.3, including the requirements of EN 60228, shall be checked by inspection and by measurement.		P
5.2.5	Electrical resistance		P
	The resistance of each conductor at 20 °C shall be in accordance with the requirements of EN 60228 for the given class of the conductor.	20 °C	P
5.3	Insulation		P
5.3.1	Material		P

EN 50525-1			
Clause	Requirement – Test	Result - Remark	Verdict
	The insulation material shall be specified in the particular specification, and shall be selected from those given in EN 50363.		P
	The requirements for the insulation are specified in the relevant part of EN 50363, which also gives the maximum continuous conductor operating temperatures for each insulation compound.		P
5.3.2	Application to the conductor		P
	The insulation shall be applied by extrusion, such that it fits closely on the conductor, but does not adhere to it.		P
5.3.3	Thickness		P
	The mean value of the thickness of insulation shall be not less than the specified value for each type and size of cable shown in the tables of the particular specifications.		P
5.4	Core identification		P
5.4.1	General		P
5.4.2	Single core cables – Non-sheathed cables		P
5.4.3	Multicore sheathed cables		N
5.4.3.1	Identification by colour		N
5.4.3.2	Identification by numbering		N
5.4.3.3	Cables with more than five cores		N
5.4.4	Colour combination green-and-yellow		P
5.5	Assembly of cores		P
5.6	Other components		P
5.6.1	General		P
5.6.2	Interstitial fillers		P
5.6.2.1	Composition		P
5.6.2.2	Assembly		P
5.6.2.3	Requirements		P
5.6.3	Strain bearing members (sbm)		P
5.6.4	Inner covering		P
5.6.5	Inner sheath		P

EN 50525-1			
Clause	Requirement – Test	Result - Remark	Verdict
5.6.6	Metallic screen		P
5.6.7	Textile braid		N
5.6.7.1	Material		N
5.6.7.2	Application		N
5.7	Sheath		P
5.7.1	Material		P
5.7.2	Application		P
5.7.2.1	General		P
5.7.2.2	Sheath in a single layer		P
5.7.2.3	Sheath in two separate homogeneous layers		N
5.7.3	Thickness		P
5.7.4	Colour		P
5.7.4.1	Application		P
5.7.4.2	Outdoor use		P
6	Marking		P
6.1	Indication of origin		P
	Cables shall be provided with an identification of origin consisting of:		--
	a) either the manufacturer's identification thread;		P
	b) or the continuous marking of the manufacturer's name or his trademark, or (if legally protected) his identification number, by one of the three following methods:		P
	1) printed tape within the cable;		P
	2) printing, indenting or embossing on the insulation of at least one core. Any core may be chosen;		P
	3) printing, indenting or embossing on the sheath, if any.		P
6.2	Continuity of marking		P
	Each specified marking shall be regarded as continuous if the distance between the end of the		--

EN 50525-1			
Clause	Requirement – Test	Result - Remark	Verdict
	mark and the beginning of the next identical mark does not exceed:		
	a) 550 mm if the marking is on the outer sheath of the cable;		N
	b) 275 mm if the marking is:		N
	1) on the insulation of an unsheathed cable; 2) on the insulation of a sheathed cable; 3) on a tape within a sheathed cable.		N
6.3	Use of the name CENELEC		P
	The name CENELEC, in full or abbreviated, shall not be marked on, or in, the cables.		P
6.4	Code designation		P
	Each cable shall have its full code designation according to HD 361 marked continuously (see 6.2) on the sheath or on the insulation of one core.		P
6.5	Additional voluntary marking		P
	Additional markings, for example the number of cores, the cross-sectional area of the conductor, and the year of manufacture, are permitted, but are not requirements of this standard.		P
6.6	Additional requirements		P
6.6.1	Durability		P
6.6.2	Legibility		P
7	Tests on completed cables		P
7.1	General		P
	The tests to be carried out on completed cables shall be listed in the particular specification. Each test shall be designated as a Type Test (T); Sample Test (S) or Routine Test (R).		P
7.2	Electrical requirements		P
	The cables shall have adequate dielectric strength and insulation resistance.		P
	Compliance shall be checked by carrying out the relevant tests using the methods specified in Table 1. The cables shall meet the requirements shown in Table 1.		P

EN 50525-1			
Clause	Requirement – Test	Result - Remark	Verdict
7.3	Overall dimensions		P
	The mean overall dimensions of the cables shall be within the limits specified in the tables in the particular specifications.		P
7.4	Mechanical strength of flexible cables		P
	Flexible cables shall be capable of withstanding bending and other mechanical stresses occurring in normal use.		P
7.5	Assessment of halogens		P
	Where a particular specification requires an assessment of halogens, such as for cables described as “Halogen-free”, the procedure described in Annex B shall be used.		P
8	Guide to use of the cables		P



Appendix 1

Photo of EUT

Photo 1



Appendix 2
Product marking of EUT

NY-CABLE

Model No.: DRAG300

Nanyou cable (Shanghai) Co. , Ltd.
Made in China

