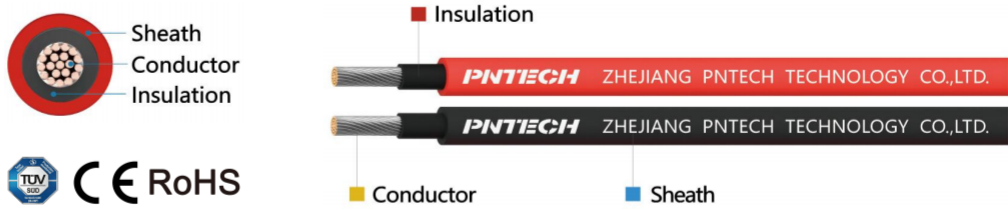


SPECIFICATION

PRODUCT NAME	H1Z2Z2-K	DOCUMEN NO	PNTK-IE-004
SIZE	1×6mm ²	Signature and seal of	If you do not sign back, this specification is used by default.
SECTIONAL DRAWING			

STANDARD BASIS EN 50618:2014

MARKING	PNTECH TUV EN50618:2014 H1Z2Z2-K 1×6.0mm ² AC1.0/1.0KV DC1.5KV ZHEJIANG PNTECH TECHNOLOGY CO.,LTD.		
CONDUCTOR	MATERIAL		Tinned plated coppe
	CONSTRUCTION	N/mm	TS 84/0.285±0.015
	DIA	mm	3.0
INSULATION	MATERIAL		XLPO
	OVER DIAMEREDR	mm	4.4±0.1
	AVG. THICK	mm	≥0.7
	MIN. THICK	mm	≥0.53
	COLOR		Upon customer's request
SHEATH	MATERIAL		XLPO
	OVER DIAMEREDR	mm	6.1±0.2
	AVG. THICK	mm	≥0.8
	MIN. THICK	mm	≥0.58
	COLOR		Upon customer's request
ELECTRICAL PERFORMANCE	RATED VOLTAGE	V	AC1.0/1.0KV DC1.5KV
	RATED TEMP	°C	-40°C—90°C
	COND. RESISTANCE	Ω/km,20°C	≤3.39
	INSU. RESISTANCE	MΩ.km, 20°C	≥610
	VOITAGE WITH STAND TEST		AC6.5KV/DC15KV,5min
	SPARK ELECTROMECHANICAL VOLTAGE	KV	7
	SHORT-CIRCUIT TEMPERATURE		≤200°C/5s
PHYSICAL PROPERTY OF INSULATION	MIN TENSILE STRENGTH	N/mm ²	≥8.0
	MIN BREAK ELONGATION RATE	%	≥125
	FLAME TEST		EN60332-1-2
	THEORETICAL SERVICE LIFE	years	25
	ENVIRON MENT PROECTION		ROHS2.0
Packing specification	Verpackungsmenge: 100m, 200m, 500m, 1000m, 2000m,4000m		

PREPARED: Guangyao Chen

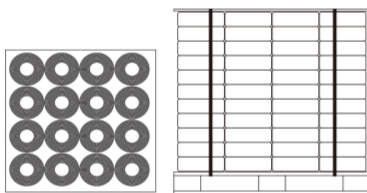
CHECKED: Youdong Hu

APPROVED: Yulan Wei

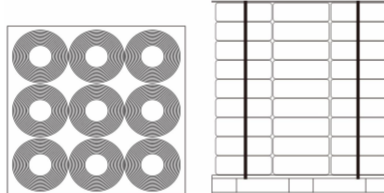
Packaging

PRODUCT NAME	H1Z2Z2-K	DOCUMEN NO	PNTK-IE-004
SIZE	1×6mm ²	Signature and seal of	If you do not sign back, this specification is used by default.
Packing specification	Packing quantity: 100m, 200m, 500m, 1000m, 2000m,4000m		
Model	Length(m)	Weight(KG)	Packaging size (cm)
1×6mm ² /Roll	100	7.6	26*9
1×6mm ² /Roll	200	15.5	34*10
1×6mm ² /Roll	500	39	36*21
1×6mm ² /Drum	500	41	36*31
1×6mm ² /Drum	1000	88	50*33
1×6mm ² /Drum	2000	158	54*51
1×6mm ² /Drum	4000	318	75*58

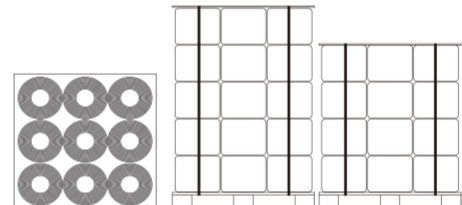
Packaging schematic diagram



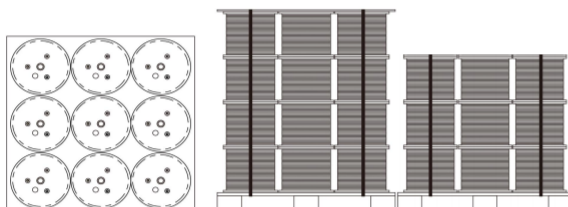
100m/Roll
20FT:13Pallets
(2288Rolls/228800M)
40FT:21Pallets
(3696Rolls/369600M)



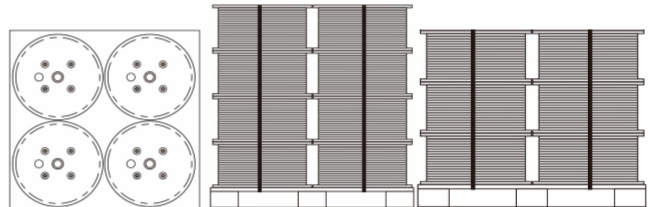
200m/Roll
20FT:14Pallets
(1134Rolls/226800M)
40FT:22Pallets
(1782Rolls/356400M)



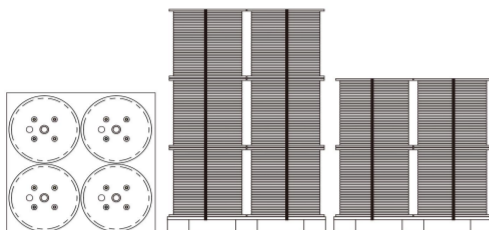
500m/Roll
20FT:10Pallets (450Rolls/225000M)
40FT:17Pallets (702Rolls/351000M)



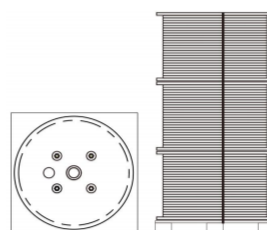
500m/Drum
20FT:18Pallets (486Drums/24300)



1000m/Drum
20FT:20Pallets (240Drums/240000M)
40FT:20Pallets (320Drums/320000M)



2000m/Drum
20FT:10Pallets (120Drums/240000M)
40FT:20Pallets (160Drums/320000M)



4000m/Drum
20FT:18Pallets (63Drums/216000M)
40FT:28Pallets (84Drums/336000M)

The specific packaging method depends on the actual situation



ZHEJIANG PNTECH TECHNOLOGY CO.,LTD.

Packaging

PRODUCT NAME

H1Z2Z2-K

DOCUMENT NO

PNTK-IE-004

Ways of Packing



100m/Roll



200m/Roll



500m/Roll



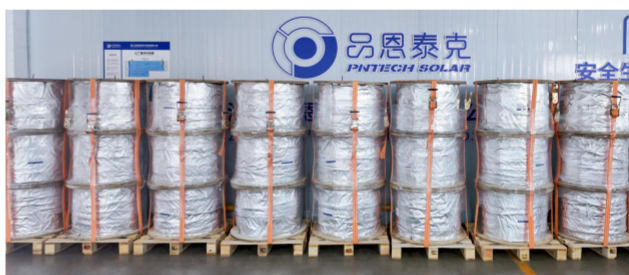
500m/Drum



1000m/Drum

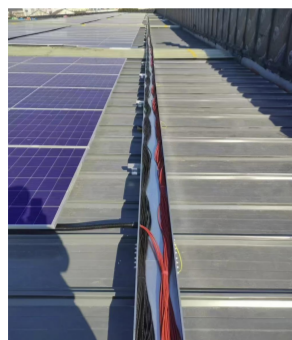


2000m/Drum



4000m/Reel

Application scenario



Cable laying



Self Built Houses in



Array Power Station



BIPV Building
Integration



Industrial and
Commercial Roof



Agriculture, fishing and



Optical Storage
Charging



Product Service

CERTIFICATE

No. B 121070 0001 Rev. 01

Holder of Certificate: **Zhejiang Pntech Technology Co., Ltd.**

Wanzhong Village, Jishigang Town
Haishu District
315000 Ningbo, Zhejiang
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:



Product:

Electric Cables

Electric cables for photovoltaic systems

Model(s):

H1Z2Z2-K

**1×1.5mm², 1×2.5mm², 1×4mm², 1×6mm²
1×10mm², 1×16mm², 1×25mm²**

Parameters:

Rated Voltage: DC 1.5 kV
AC U₀/U: 1.0/1.0 kV
Class(IEC 61140): II
Ambient Temperature: -40°C ~+90°C
Max. Temperature
at conductor: 120°C

Tested according to: EN 50618:2014

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the Testing, Certification, Validation and Verification Regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.:

704071733201-02

Valid until:

2030-07-15

Date, 2025-07-16

(Yaqun Alex Liu)