

**DESCRIPTIONS**

H1Z2Z2-K/62930 IEC 131 4.0mm<sup>2</sup> Tinned Copper Non-Halogen EN 1500V

**STANDARDS**

IEC 60228, IEC 60332-1-2, IEC 60754, IEC 60811-2-1, IEC 61034, IEC 61215  
 EN 50618 File No.:R50302047  
 IEC 62930 File No.:R50413678  
 ROHS 2011/65/EU

**CABLE CONSTRUCTION**


Conductor Size	Stranded Tinned Copper 4mm <sup>2</sup>
Stranding	56/0.285±0.01mm
Diameter	2.4mm
Primary Insulation	XLPE
Minimum Average Thickness	0.7mm
Color	White
Secondary Insulation	XLPE
Minimum Average Thickness	0.8mm
Color	Black
Outer Diameter	5.5±0.2mm

**ELECTRICAL CHARACTERISTICS**

Voltage Rating	AC: 1000/1000V; DC: Max.1500V
EN 50618/IEC 62930	
Ambient Temperature	-40°C up to 90°C
Insulation Resistance At 20°C	≥ 709 MΩ.km
Current Carrying Capacity At 30°C	57A
Spark Test	10000 VAC
Voltage Withstand	6500 VAC
Conductor Resistance At 20°C	≤5.09 Ω/km

**OTHER CHARACTERISTICS**

Bending Radius	
Dynamic	≥ 5 X O.D.
Static	≥ 4 X O.D.
Ozone Resistant	IEC 60811-403
Low Smoke Emission	IEC 61034-2,light transmittance ≥ 60%
Weathering/UV Resistance	IEC 62930 Annex E
Halogen Free	IEC 62821-1 Annex B
Flame Retardant	IEC 60332-1-2

**PRINT LEGEND**

KIBOR CABLE  TÜV H1Z2Z2-K 62930 IEC 131 1x4.0mm<sup>2</sup> PV CABLE DC 1500V HALOGEN FREE LOW SMOKE CE CPR-Dca-s2,d2,a2

**PACKAGING**

- a) 1000m/ Drum
- b) Consulting if delivering in other ways.

**HISTORY**

May 14,2020 Optimized file,add "PV CABLE" in print legend  
 Aug 31, 2020 Optimized file,add "CPR-Dca" in print legend

Signature:
Date:

V1  
V2

## DESCRIPTIONS

H1Z2Z2-K/62930 IEC 131 4.0mm<sup>2</sup> Tinned Copper Non-Halogen EN 1500V

## STANDARDS

IEC 60228, IEC 60332-1-2, IEC 60754, IEC 60811-2-1, IEC 61034, IEC 61215  
 EN 50618 File No.:R50302047  
 IEC 62930 File No.:R50413678  
 ROHS 2011/65/EU

## CABLE CONSTRUCTION



Conductor	Stranded Tinned Copper
Size	4mm <sup>2</sup>
Stranding	56/0.285±0.01mm
Diameter	2.4mm
Primary Insulation	XLPE
Minimum Average Thickness	0.7mm
Color	White
Secondary Insulation	XLPE
Minimum Average Thickness	0.8mm
Color	Red
Outer Diameter	5.5±0.2mm

## ELECTRICAL CHARACTERISTICS

Voltage Rating	AC: 1000/1000V; DC: Max.1500V
EN 50618/IEC 62930	
Ambient Temperature	-40°C up to 90°C
Insulation Resistance At 20°C	≥ 709 MΩ.km
Current Carrying Capacity At 30°C	57A
Spark Test	10000 VAC
Voltage Withstand	6500 VAC
Conductor Resistance At 20°C	≤5.09 Ω/km

## OTHER CHARACTERISTICS

Bending Radius	
Dynamic	≥ 5 X O.D.
Static	≥ 4 X O.D.
Ozone Resistant	IEC 60811-403
Low Smoke Emission	IEC 61034-2,light transmittance ≥ 60%
Weathering/UV Resistance	IEC 62930 Annex E
Halogen Free	IEC 62821-1 Annex B
Flame Retardant	IEC 60332-1-2

## PRINT LEGEND

KIBOR CABLE  TÜV H1Z2Z2-K 62930 IEC 131 1x4.0mm<sup>2</sup> PV CABLE DC 1500V HALOGEN FREE LOW SMOKE  CPR-Dca-s2,d2,a2

## PACKAGING

- a) 1000m/ Drum
- b) Consulting if delivering in other ways.

## HISTORY

May 14,2020 Optimized file,add "PV CABLE" in print legend  
 Aug 31, 2020 Optimized file,add "CPR-Dca" in print legend

Signature:  
 Date

V1  
 V2

## DESCRIPTIONS

H1Z2Z2-K/62930 IEC 131 6.0mm<sup>2</sup> Tinned Copper Non-Halogen EN 1500V

## STANDARDS

IEC 60228, IEC 60332-1-2, IEC 60754, IEC 60811-2-1, IEC 61034, IEC 61215

EN 50618 File No.:R50302047

IEC 62930 File No.:R50413678

ROHS 2011/65/EU

## CABLE CONSTRUCTION



Conductor	Stranded Tinned Copper
Size	6mm <sup>2</sup>
Stranding	84/0.285±0.01mm
Diameter	3.0mm
Primary Insulation	XLPE
Minimum Average Thickness	0.7mm
Color	White
Secondary Insulation	XLPE
Minimum Average Thickness	0.8mm
Color	Black
Outer Diameter	6.1±0.2mm

## ELECTRICAL CHARACTERISTICS

Voltage Rating	AC: 1000/1000V; DC: Max.1500V
EN 50618/IEC 62930	
Ambient Temperature	-40°C up to 90°C
Insulation Resistance At 20°C	≥ 610 MΩ.km
Current Carrying Capacity At 30°C	72A
Spark Test	10000 VAC
Voltage Withstand	6500 VAC
Conductor Resistance At 20°C	≤3.39 Ω/km

## OTHER CHARACTERISTICS

Bending Radius	
Dynamic	≥ 5 X O.D.
Static	≥ 4 X O.D.
Ozone Resistant	IEC 60811-403
Low Smoke Emission	IEC 61034-2,light transmittance ≥ 60%
Weathering/UV Resistance	IEC 62930 Annex E
Halogen Free	IEC 62821-1 Annex B
Flame Retardant	IEC 60332-1-2

## PRINT LEGEND

KIBOR CABLE  TÜV H1Z2Z2-K 62930 IEC 131 1x6.0mm<sup>2</sup> PV CABLE DC 1500V HALOGEN FREE LOW SMOKE  CPR-Dca-s2,d2,a2

## PACKAGING

- a) 1000m/ Drum
- b) Consulting if delivering in other ways.

## HISTORY

May 14,2020 Optimized file,add "PV CABLE" in print legend  
 Aug 31, 2020 Optimized file,add "CPR-Dca" in print legend  
 Feb 13,2023 Adjust Stranding,78/295±0.01mm to 84/285±0.01mm

Signature:  
Date:

V1  
V2  
V3

**DESCRIPTIONS**

H1Z2Z2-K/62930 IEC 131 6.0mm<sup>2</sup> Tinned Copper Non-Halogen EN 1500V

**STANDARDS**

IEC 60228, IEC 60332-1-2, IEC 60754, IEC 60811-2-1, IEC 61034, IEC 61215  
 EN 50618 File No.:R50302047  
 IEC 62930 File No.:R50413678  
 ROHS 2011/65/EU

**CABLE CONSTRUCTION**


Conductor	Stranded Tinned Copper
Size	6mm <sup>2</sup>
Stranding	84/0.285±0.01mm
Diameter	3.0mm
Primary Insulation	XLPE
Minimum Average Thickness	0.7mm
Color	White
Secondary Insulation	XLPE
Minimum Average Thickness	0.8mm
Color	Red
Outer Diameter	6.1±0.2mm

**ELECTRICAL CHARACTERISTICS**

Voltage Rating	EN 50618/IEC 62930	AC: 1000/1000V; DC: Max.1500V
Ambient Temperature		-40°C up to 90°C
Insulation Resistance At 20°C		≥ 610 MΩ.km
Current Carrying Capacity At 30°C		72A
Spark Test		10000 VAC
Voltage Withstand		6500 VAC
Conductor Resistance At 20°C		≤3.39 Ω/km

**OTHER CHARACTERISTICS**

Bending Radius	
Dynamic	≥ 5 X O.D.
Static	≥ 4 X O.D.
Ozone Resistant	IEC 60811-403
Low Smoke Emission	IEC 61034-2,light transmittance ≥ 60%
Weathering/UV Resistance	IEC 62930 Annex E
Halogen Free	IEC 62821-1 Annex B
Flame Retardant	IEC 60332-1-2

**PRINT LEGEND**

KIBOR CABLE  TÜV H1Z2Z2-K 62930 IEC 131 1x6.0mm<sup>2</sup> PV CABLE DC 1500V HALOGEN FREE LOW SMOKE  CPR-Dca-s2,d2,a2

**PACKAGING**

- a) 1000m/Drum
- b) Consulting if delivering in other ways.

**HISTORY**

May 14,2020 Optimized file,add "PV CABLE" in print legend  
 Aug 31, 2020 Optimized file,add "CPR-Dca" in print legend  
 Feb 13,2023 Adjust Stranding,78/295±0.01mm to 84/285±0.01mm

Signature:	V1
Date:	V2
	V3

## DESCRIPTIONS

H1Z2Z2-K/62930 IEC 131 10.0mm<sup>2</sup> Tinned Copper Non-Halogen EN 1500V

## STANDARDS

IEC 60228, IEC 60332-1-2, IEC 60754, IEC 60811-2-1, IEC 61034, IEC 61215  
 EN 50618 File No.:R50302047  
 IEC 62930 File No.:R50413678  
 ROHS 2011/65/EU

## CABLE CONSTRUCTION



Conductor	Stranded Tinned Copper
Size	10mm <sup>2</sup>
Stranding	77/0.40±0.01mm
Diameter	4.1mm
Primary Insulation	XLPE
Minimum Average Thickness	0.7mm
Color	White
Secondary Insulation	XLPE
Minimum Average Thickness	0.8mm
Color	Black
Outer Diameter	7.4±0.2mm

## ELECTRICAL CHARACTERISTICS

Voltage Rating	
EN 50618/IEC 62930	AC: 1000/1000V; DC: Max.1500V
Ambient Temperature	-40°C up to 90°C
Insulation Resistance At 20°C	≥ 489 MΩ.km
Current Carrying Capacity At 30°C	98A
Spark Test	10000 VAC
Voltage Withstand	6500 VAC
Conductor Resistance At 20°C	≤1.95 Ω/km

## OTHER CHARACTERISTICS

Bending Radius	
Dynamic	≥ 5 X O.D.
Static	≥ 4 X O.D.
Ozone Resistant	IEC 60811-403
Low Smoke Emission	IEC 61034-2,light transmittance ≥ 60%
Weathering/UV Resistance	IEC 62930 Annex E
Halogen Free	IEC 62821-1 Annex B
Flame Retardant	IEC 60332-1-2

## PRINT LEGEND

KIBOR CABLE  TÜV H1Z2Z2-K 62930 IEC 131 1x10.0mm<sup>2</sup> PV CABLE DC 1500V HALOGEN FREE LOW SMOKE  CPR-Dca-s2,d2,a2 \

## PACKAGING

- a) 1000m/Drum
- b) Consulting if delivering in other ways.

## HISTORY

May 14,2020 Optimized file,add "PV CABLE" in print legend  
 Aug 31, 2020 Optimized file,add "CPR-Dca" in print legend  
 Feb 13,2023 Adjust Stranding,132/295±0.01mm to 77/40±0.01mm  
 Update the Company Address

Signature:  
 Date:

V1  
 V2  
 V3  
 V4

**DESCRIPTIONS**

H1Z2Z2-K/62930 IEC 131 10.0mm<sup>2</sup> Tinned Copper Non-Halogen EN 1500V

**STANDARDS**

IEC 60228, IEC 60332-1-2, IEC 60754, IEC 60811-2-1, IEC 61034, IEC 61215  
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**CABLE CONSTRUCTION**


Conductor	Stranded Tinned Copper
Size	10mm <sup>2</sup>
Stranding	77/0.40±0.01mm
Diameter	4.1mm
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Color	White
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Minimum Average Thickness	0.8mm
Color	Red
Outer Diameter	7.4±0.2mm

**ELECTRICAL CHARACTERISTICS**

Voltage Rating	
EN 50618/IEC 62930	AC: 1000/1000V; DC: Max.1500V
Ambient Temperature	-40°C up to 90°C
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Bending Radius	
Dynamic	≥ 5 X O.D.
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Ozone Resistant	IEC 60811-403
Low Smoke Emission	IEC 61034-2,light transmittance ≥ 60%
Weathering/UV Resistance	IEC 62930 Annex E
Halogen Free	IEC 62821-1 Annex B
Flame Retardant	IEC 60332-1-2

**PRINT LEGEND**

KIBOR CABLE  TÜV H1Z2Z2-K 62930 IEC 131 1x10.0mm<sup>2</sup>PV CABLE DC 1500V HALOGEN FREE LOW SMOKE  CPR-Dca-s2,d2,a2

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 Update the Company Address

Signature:	V1
Date:	V2
	V3
	V4