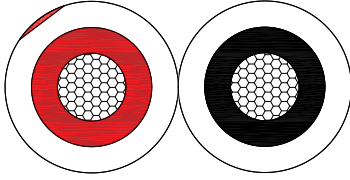


Customer	/	
Standard	EN50618/IEC62930	
Construction	H1Z2Z2-K 2X4mm ²	
Construction Item		
Construction Item	Units	4.0mm ²
Construction	mm	56/0.28±0.008
Material	---	Tinned copper wire
O.D	mm	2.45
Insulation		
Material	---	XLPO
Avg.Thick	mm	0.70
Min.Thick	mm	0.50
O.D	mm	3.9±0.15
Color	---	red, black
Twisted Pair		
Ins.Color	---	/
Lay of Strand	mm	/
O.D	mm	/
Assemble		
Filling	---	/
Lapping	---	/
Drain.wire	---	/
Covering		
Material	---	/
Avg.Thick	mm	/
Min.Thick	mm	/
O.D	mm	/
Color	---	/
Armour		
Construction	'---	/
Coverage	%	/
Shield		
Material	---	/
Construction	---	/
Coverage	%	/
Jacket		
Material	---	XLPO
Avg.Thick	mm	0.80
Min.Thick	mm	0.60
O.D	mm	5.5±0.2*11.4±0.5
Color	'---	Black
Surface	---	/
Marking		
TÜV IEC 62930 EN50618 62930 IEC 131 H1Z2Z2-K SOLAR CABLE 2X4mm ² DC 1.5KV AC 1KV HALOGEN FREE LOW SMOKE--CAUTION DC CABLE-- DO NOT DISCONNECT UNDER LOAD Serial Number SHANGHAI KUKA CABLE CO.,LTD Meter Marking		

Sheet NO	S220519-2022
Construction Figure:	
	

Electric Characters	
Voltage rating:	1500V
Temperature rating:	-40~90°C
Dielectric strength:	AC-6.5kV/5min
Spark test:	AC-10kV/In the air
Conductor resistance:	5.09ΩKM Max at20°C
Weathering/UV-resistance:	720h, No cracking

Physical Properties	
Elongation of unaged values:	≥125%
Insulation Tensile strength of unaged values (N/mm ²):	≥6.5;
Jacket Tensile strength of unaged values (N/mm ²):	≥8.0
Aged in a full draft circulating air oven:	150±2.0°C/168h
Elongation of After aging:	≤30%
Tensile strength of After aging:	≤30%
Ozone resistance:	25±2°C*24h No cracking
Cold bend test:	-40±2°C*16h No cracking
Cold impact tes:	-40°C*16h/1000g; 100mm No cracking
Flame test:	IEC60332

ShangHai KuKa Special Cable Co.,Ltd		
Add:No.9655 Tingwei Highway, Jinshan District, Shanghai China		

APPROVED	CHECKED	DESIGNED
WKB	/	ZWJ

APPROVED BY THE CLIENT		

Remark:

Revision Date:2023-12-15