

## 1.CONSTRUCTION

RATED VOLTAGE	62930 IEC131/H1Z2Z2-K 2X4mm <sup>2</sup>		REVISION:	A/0	FORM NO.	B274
	DC1500V		CONSTRUCTION D.W.G			
Conductor	Cross-sectional Area	4mm <sup>2</sup>				
	Material	Stranded Tinned Copper				
	Conductor Size (mm)	52/(0.295±0.008)				
	Stranded OD.(mm)	2.46				
Inner Layer	Material	XLPO				
	AVG Thickness (mm)	0.70				
	Min Thickness (mm)	0.53				
	OD.(mm)	3.85±0.10				
	Color	Black& Red				
Outer Layer	Material	XLPO				
	AVG Thickness (mm)	0.80				
	Min Thickness (mm)	0.58				
	OD. (mm)	(5.50±0.20)*(11.30±0.30)				
	Color	Black				
			INNER AND OUTER LAYER IS <b>INSEPARABLE</b> .			

## 2.MECHANICAL CHARACTERISTICS

ITEM		SPECIFICATION	
		INNER LAYER	OUTER LAYER
Elongation	Un-aged	≥125%	≥125%
Strength		≥8MPa	≥8MPa
Cold bend test	(-40 ± 2.0°C × 16h)	No cracking	
Flame test	IEC60332-1	PASS	
Rated temperature	-40°C up to +90°C		
Thermal endurance properties	Elongation≥50% Temperature index≥120		

## 3.ELECTRICAL CHARACTERISTICS

ITEM	SPECIFICATION
Max. Conductor DC Resistance at 20°C	≤5.09Ω/km
Dielectric Strength	6.5KV/5min
Spark test	10000VAC
Insulation resistance at 20°C	≥709MΩ/km
Max. current at 30°C	57A

## 4.STANDARD

PRODUCT STANDARD CERTIFICATION	Reference Standard:
J50477534&J50478016	IEC62930/EN50618

## 5.MARKING

the marking content of one side is:

(+) POLE SUNKEAN CABLE Δ TÜV (IEC62930/EN50618) 62930 IEC131/H1Z2Z2-K 4mm<sup>2</sup> DC1.5KV HALOGEN FREE LOW SMOKE 120 °C SOLAR DC CABLE —DO NOT DISCONNECT UNDER LOAD (+) POLE  
(This is to be printed on red cord of figure 8 cable)

(-) POLE SUNKEAN CABLE Δ TÜV (IEC62930/EN50618) 62930 IEC131/H1Z2Z2-K 4mm<sup>2</sup> DC1.5KV HALOGEN FREE LOW SMOKE 120 °C SOLAR DC CABLE —DO NOT DISCONNECT UNDER LOAD (-) POLE  
(This is to be printed on black cord of figure 8 cable)

the marking content of the other side is: >1< to >100< >1< to >100<

note: the length of tail from >100< to the next starting of >1< is 1 meter.

## 6.Packing

(a)100m、500m per drum

(b) Consulting if delivering in other ways

Part No.	Serial No.	Drawing	Checked	Approved	Date	APPROVED
HZ2040-0101	001	Ridge Feng	Seven Tang	Andy Zhao	2022/10/10	