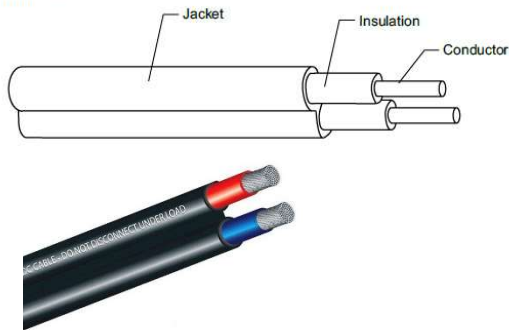


Twin Core



1500V DC



100m~6000m



Low Smoke Zero Halogen



Excellent Chemical
& Oil resistance



-40℃~90℃



UV Resistance



IEC62930/EN50618



Specification

Conductor	Part No.	Cross Section	Approx Cable OD (mm)	Resistance(Ω/km) @20℃	Testing Voltage A.C	Current Rating(A) @60℃
Dual Core Conductors	NPCT250-2-053	2X 2.5 mm ²	10X5.3	8.21	10kv	41
	NPCT400-2-059	2X 4.0 mm ²	12.5X6.0	5.09	10kv	55
	NPCT600-2-065	2X 6.0 mm ²	13.5X6.5	3.39	10kv	70
	NPCT400-2-059	2X 10.0 mm ²	15.1X7.3	1.95	10kv	98
	NPCT600-2-065	2X 16.0 mm ²	18.0X8.7	1.24	10kv	132

**The current-carrying capacity is under the situation of laying the single cable air.

Technical Data

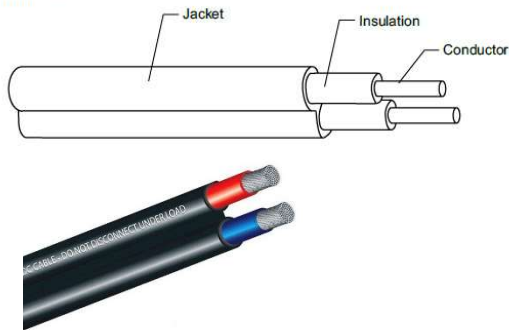
Rated Voltage	DC 1.5KV
Voltage test on completed cable	AC 11KV, DC 15KV,5min
Ambient temperature	-40℃ up to + 90℃
Max. Temperature at conductor	120℃
Thermal endurance properties	120℃ , Elongation at break ≥ 50%
Allowed temperature reference for short circuit	250℃ , 5 min
Max Current @60℃	55A
Bending Radius	➤ 4 X Cable OD
Thermal Endurance Properties	> 25 years

Package Data

Package REF	Without Spool	Plastic Spool		Wood Spool
MPQ (m)	100m	50m	100m	500m
One Pallet	7.2 km	5 km	2.5 km	4km~9km
20GP Container	150,000m for 4mm ²			
	120,000m for 6mm ²			
Unit Package Example				



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-40°C~90°C



UV Resistance



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How to Order PV Al Cables (please choose one code per position, below)

SC2C-	X-	X	X	X	
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SAC	Cable Cross Section	MPQ m	Spool	Cable Color	Variations
Solar Dual Copper Cable	<input type="checkbox"/> 2X2.5 mm ²	<input type="checkbox"/> 50 m	<input type="checkbox"/> P :Plastic Spool	<input type="checkbox"/> B :Black	<input type="checkbox"/> _____
	<input type="checkbox"/> 2X4mm ²	<input type="checkbox"/> 100 m	<input type="checkbox"/> W :Wood Spool	<input type="checkbox"/> R :Red	
	<input type="checkbox"/> 2X6 mm ²	<input type="checkbox"/> 250 m	<input type="checkbox"/> N :No Spool	<input type="checkbox"/> _____	
	<input type="checkbox"/> 2X10mm ²	<input type="checkbox"/> 500 m	<input type="checkbox"/> _____		
	<input type="checkbox"/> 2X16 mm ²	<input type="checkbox"/> 1000 m			
	<input type="checkbox"/> 2X25 mm ²	<input type="checkbox"/> 2000 m			
	<input type="checkbox"/> 2X35 mm ²	<input type="checkbox"/> 6000 m			
	<input type="checkbox"/> _____	<input type="checkbox"/> _____			
	<input type="checkbox"/> _____				
	<input type="checkbox"/> _____				

* Customized options available, for more information, please contact NIU Power sales team: Marketing@niu-power.com.

Example:

SC2C- 10mm²-500m-W-B means that the al cable is black 10mm² cable. 500m will be packaged in a wood spool.

