



ChimeraX 6mm² Single Core Solar Cable

Flame Retardant, Zero Halogen

Flame Resistant

IEC 61034-1, -2

IEC 60332-1

Design Reference

IEC 60502-2004

Application

Solar Farm

Residential Solar System

Rated Value

U₀ 1.5kVDC / EN50618

(max. permitted voltage

U₀ 1.8kVDC) UL 2kV

Working Condition

Storage Temperature

-40°C ~ +90°C

Installation Temperature:

-40°C ~ +90°C

Operation Temperature

-40°C ~ +120°C

Maximum short circuit Temp.

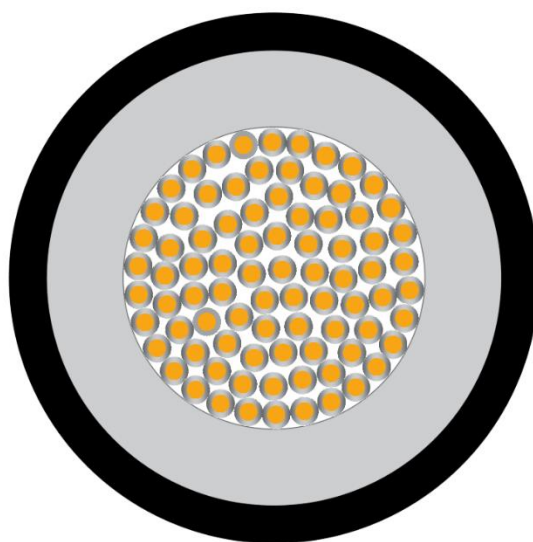
+280 °C in 5s

Min. Allowable Bending Radius

Static: > 4 D

Dynamic: > 5 D

D is the out diameter of the cable



- Water Resistance
- Cross-linked polyolefin insulation
- Cross-linked polyolefin outer jacket
- The jacket won't melt or flow in high temperature

Technical data

Number of Conductor		1
Conductor Material		Tinned Copper
Conductor		Class 5 flexible stranded tinned copper
Cross-section of conductor	mm ²	6
Diameter of conductor Nom.	mm	3.3 (Max)
Material of insulation		Cross-linked polyolefin
Color of insulation		Grey
Thickness of insulation Nom.	mm	0.7
Diameter of insulated conductor Nom.	mm	4.56
Outer Sheath Thickness Nom.	mm	1.4
Material of outer jacket		Cross-linked polyolefin
Outer Sheath Color		Black
Thickness of outer jacket.	mm	0.8
OD of Cable Nom.	mm	6.36
Weight approx	kg/km	85



Sheath Marking

The outer sheath is marked in 1meter intervals as follows



Shipping Information

Packing Method

Wooden Drum with Protection

Delivery Length

Standard Delivery Length is 1km with a tolerance of $\pm 3\%$



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