



ChimeraX 22kV Single Core Power Cable Flame Retardant, Aluminum Wire Armoured AT/AR

Flame Retardant

IEC 60332-1

Design Reference

IEC 60502-2004

Application

Direct Buried Outdoor

Long haul power transmission

Working Condition

Storage Temperature

-20°C ~ +60°C

Installation Temperature:

-10°C ~ +60°C

Operation Temperature

-20°C ~ +90°C

Maximum short circuit Temp.

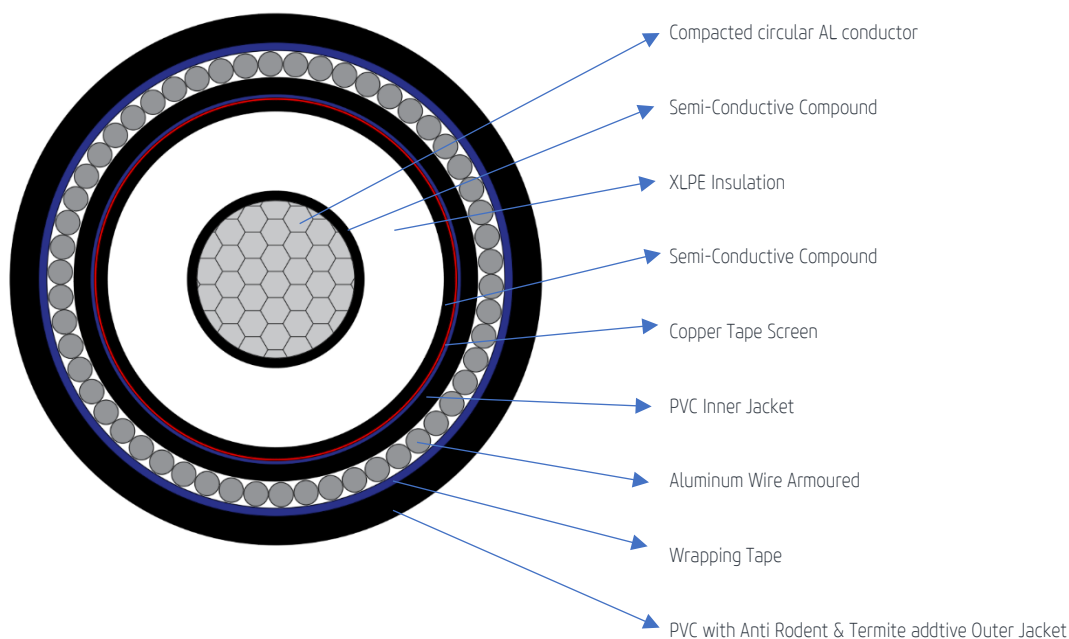
+250 °C in 5s

Min. Allowable Bending Radius

Static: > 10 D

Dynamic: > 20 D

D is the out diameter of the
cable



Technical data

Number of Conductor		1
Conductor Material		Aluminum
Conductor		Compact Strands Circular
Conductor Screen Material		Semi-Conductive Compound (Thickness 0.3mm min)
Material of Insulation		XLPE
Thickness of Insulation Nom.	mm	5.5
Insulation Screen Material		Semi-Conductive Compound (Thickness 0.6mm min)
Metal Screen Material		Copper Tape (Thickness 0.12mm)
Thickness of Inner Jacket	mm	1
Aluminum Wire OD	mm	2.0
Thickness of outer jacket.	mm	2.1



Order Information

Nominal cross section	Conductor OD Nom.	Outer Diameter Nom.	Resistance Max.at 20 °C	Weight	AC Voltage test	Part Number
N × mm ²	mm	mm	Ω/km	kg/km	kV/Min	
1×95	11.6	35.64	0.32	1562	42/5	PWC-09510000S3SC161-AT
1×150	13.9	39.24	0.206	1922	42/5	PWC-15010000S3SC161-AT
1×300	20.0	46.64	0.1	2837	42/5	PWC-30010000S3SC161-AT

Sheath Marking

The outer sheath is marked in 1meter intervals as follows

HERMESYS CHIMERAX 22KV DIRECT BURIED AWA FIRE RETARDANT CABLE SINGLE CONDUCTOR XXXMMSQ <P/N> WWWYYY XXXXM

Shipping Information

Packing Method

Steel Wooden Drum with Protection

Delivery Length

Standard Delivery Length is 1km per drum for 95mm² and 150mm²

Standard Delivery Length is 500m per drum for 300mm²

*Drum tolerance of ± 1%



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