



ChimeraX 15kV Single Core Power Cable Flame Retardant, Stainless Steel Tape Armoured

Flame Retardant

IEC 60332-1

Design Reference

NEMA WC 7/ICEA S-66-524

Application

Direct Buried Outdoor

Long haul power transmission

Working Condition

Storage Temperature

-20°C ~ +60°C

Installation Temperature:

-10°C ~ +60°C

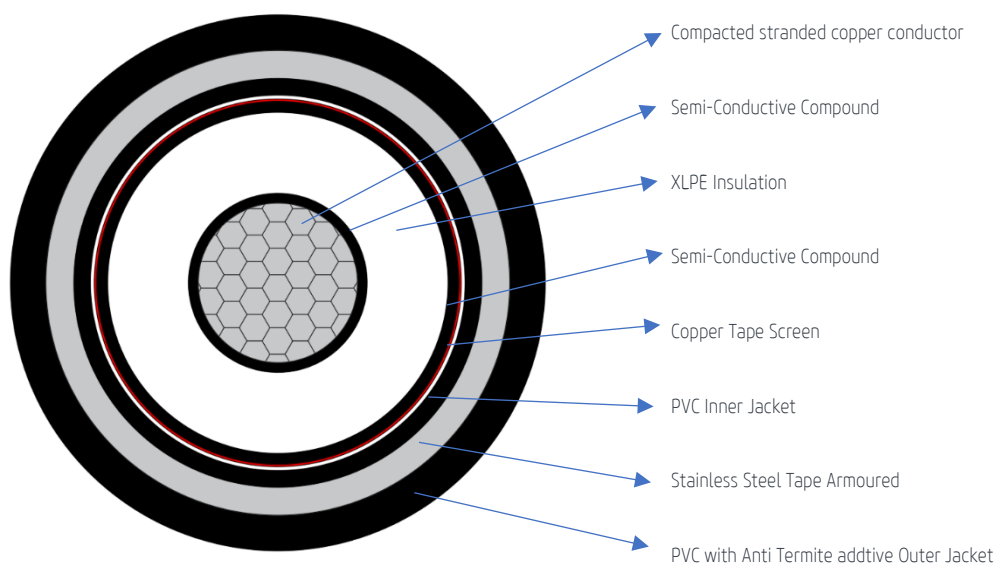
Operation Temperature

-20°C ~ +90°C

Min. Allowable Bending Radius

808mm for 500MCM

559mm for 1/0 AWG



Technical data

Number of Conductor	1*500MCM(20mm±0.3) 1*1/0 AWG(8.6mm±0.3)	
Conductor Material	Copper	
Conductor	Compact Strands Circular	
Conductor Screen Material	Semi-Conductive Compound (Thickness 0.5mm min)	
Material of Insulation	XLPE	
Thickness of Insulation Nom.	mm	4.45
Insulation Screen Material	Semi-Conductive Compound (Thickness 0.5mm min)	
Metal Screen Material	Copper Tape (Thickness 0.06mm)	
Thickness of Inner Jacket	mm	1.65 1.14
Stainless Steel Tape Thickness	No./mm	2/0.51
Thickness of outer jacket.	mm	2.03 1.65
Inner Sheath Material	PVC	
Outer Sheath Material	PVC with AT Additive	



Order Information

Nominal cross section	Conductor OD Nom.	Outer Diameter Nom.	Resistance Max.at 20 °C	Weight	AC Voltage test	Part Number
N × AWG	mm	mm	Ω/km	kg/km	kV/Min	
1×500MCM	20±0.3	40.38±2	0.07	4079	35/5	PWC-500M1C0000S3SC101-AT
1×1/0	8.6±0.3	27.97±2	0.3419	1540	35/5	PWC-1W1C0000S3SC101-AT

Sheath Marking

The outer sheath is marked in 1meter intervals as follows

HERMESYS CHIMERAX 15KV DIRECT BURIED SSTA 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 1/0 AWG

Standard Delivery Length is 500m per drum for 500MCM

*Drum tolerance of ± 1%



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