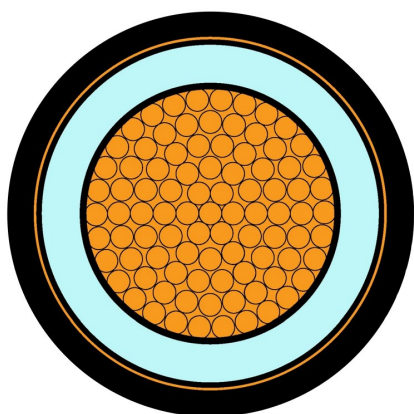


Chimera^X Medium Voltage Multi-Conductor Power Cable 26/35KV SINGLE CORE CU/CS/XLPE/IS/MS/LSOH

Cable Specification



- **CONDUCTOR:** CIRCULAR STRANDED CLASS 2 COPPER CONDUCTOR IN ACCORDANCE WITH IEC 60228
- **CONDUCTOR SCREEN:** SEMI CONDUCTIVE COMPOUND
- **INSULATION:** EXTRUDED XLPE INSULATION
- **INSULATION SCREEN:** SEMI CONDUCTIVE XLPE INSULATION SCREEN
- **METALLIC SCREEN:** PLAIN ANNEALED COPPER TAPE PLUS NON METALLIC TAPE
- **OUTER JACKET:** LSOH
- **STANDARD:** IEC60502-2, IEC 60840, IEC 60754, IEC 60332-1&3

Technical data

CROSS SECTION AREA MM ²	CONDUCTOR DIAMETER MM	INSULATION NOMINAL MM	COPPER TAPE NOMINAL MM	JACKET THICKNESS MM	OD NOMINAL MM	APPROX WEIGHT KG/KM
1 × 50	8.3	10.5	0.12	2.2	37.6	1713
1 × 70	9.8	10.5	0.12	2.2	39.3	1987
1 × 95	11.4	10.5	0.12	2.3	41.1	2325
1 × 120	12.9	10.5	0.12	2.3	42.6	2607
1 × 150	14.2	10.5	0.12	2.4	44.1	2917
1 × 185	16	10.5	0.12	2.4	45.9	3319
1 × 240	18.3	10.5	0.12	2.5	48.6	4049
1 × 300	20.6	10.5	0.12	2.6	50.1	4704
1 × 400	23.4	10.5	0.12	2.7	54.1	5808
1 × 500	26.5	10.5	0.12	2.8	59.0	7140
1 × 630	30.1	10.5	0.12	2.9	63.8	8586

THE DATA ABOVE OF CABLE, FOR REFERENCE ONLY, SHALL BE SUBJECTED TO THE ACTUAL PRODUCT

Mechanical Characteristics

Rated Voltage	26/35kV
Min Bend Radius Set in Position	12*D
Min Bend Radius during installation	20*D
Installation Temperature	°C ≥ 0
Operation Temperature	°C 90
Max. Short-circuit Temperature	°C 250

Electrical Properties

CROSS SECTION AREA MM ²	CONDUCTOR RESISTANCE DC @ 20 °C MAX (Ω/KM)	PARTIAL DISCHARGE TEST MAX (PC]	VOLTAGE TEST (KV/5MIN]
1 × 50	0.387	10	91
1 × 70	0.268	10	91
1 × 95	0.193	10	91
1 × 120	0.153	10	91
1 × 150	0.124	10	91
1 × 185	0.0991	10	91
1 × 240	0.0754	10	91
1 × 300	0.0601	10	91
1 × 400	0.0470	10	91
1 × 500	0.0366	10	91
1 × 630	0.0283	10	91

Sheath Colour:

THE OUTER SHEATH IS **BLACK**

Sheath Marking:

THE OUTER SHEATH IS MARKED IN 1METER INTERVALS AS FOLLOWS:

**HERMESYS CHIMERAX 26/35kv 1*XXX CU/CS/XLPE/IS/MS/LSOH IEC60502-2 <HERMESYS PRODUCT P/N>
<YYMM> (xxxx) M**

Logistic Information

Packing

WOODEN METAL DRUM

Delivery Lengths:

STANDARD DELIVERY LENGTH IS 500~1000M PER DRUM BASE THE CONDUCTOR SIZE

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All sizes and values without tolerances are reference values. Specifications are for product as supplied by Hermesys: any modification or alteration afterwards of product may give different result.

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