



PRODUCT INFORMATION SHEET

High Voltage Cable

150°C XLPO - Thick Wall - Standard Stranding - Bare Copper Conductors

Features

Copper Conductors per ASTM B3 and ASTM B33
Insulation Material: XLPO (Cross-linked Polyolefin)
RoHS Compliant

Applications

Single core cables for -40°C to 150°C
Nominal system voltage for 600 Vac or 900 Vdc and 1000 Vac or 1500 Vdc
Temperature Class T4 (-40°C to 150°C)

Compliance

ISO 19642-5 (Revision 2019-01)

Product Options

Colors available upon request
Packaging Options: Reels, various sizes and disposal or recyclable

Conductor Size	Number of Strands	Maximum Strand Diameter	Conductor Resistance, Maximum	Insulation Thickness, Minimum	Cable OD, Minimum	Cable OD, Maximum
mm ²	± 5%	mm	mΩ/m	mm	mm	mm
8	116	0.31	2.38	0.64	5.00	5.90
10	144	0.31	1.82	0.80	5.90	6.50
12	174	0.31	1.52	0.80	6.60	7.40
16	228	0.31	1.16	0.80	7.70	8.30
20	276	0.31	0.955	0.88	8.10	9.10
25	355	0.31	0.743	1.04	9.40	10.40
30	408	0.31	0.647	1.04	9.70	10.90
35	501	0.31	0.527	1.04	9.60	11.60
40	558	0.31	0.473	1.12	11.20	12.40
50	717	0.31	0.368	1.20	11.50	13.50
60	838	0.31	0.315	1.20	13.40	14.60
70	1019	0.31	0.259	1.20	13.50	15.50
85	1197	0.31	0.219	1.28	14.80	16.80
95	1347	0.31	0.196	1.28	16.00	18.00
120	1726	0.31	0.153	1.28	17.70	19.70