



PRODUCT INFORMATION SHEET

CU-R3XLPE

125°C - Thin Wall - Asymmetrical (Structure B) - Bare Copper Conductors

Features

Copper Conductors per ASTM B3 and ASTM B33
Insulation Material: Cross-linked Polyethylene
RoHS Compliant

Applications

Low tension cables for -40°C to 125°C
Nominal system voltage up to 60 V DC
Temperature Class D -40°C to 125°C

Compliance

GMW 15626 Revision March 2015
ISO 6722-1:2011

Product Options

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

Conductor Size mm ²	Number of Strands ± 3%	Maximum Strand Diameter mm	Maximum Conductor Diameter mm	Conductor Resistance, Maximum mΩ/m	Insulation Thickness, Minimum mm	Cable OD, Minimum mm	Cable OD, Maximum mm
8	62	0.41	4.30	2.38	0.32	4.60	5.00
10	80	0.41	4.50	1.82	0.48	5.30	6.00
12	96	0.41	5.40	1.52	0.48	5.80	6.50
16	126	0.41	6.30	1.16	0.52	6.40	7.20
20	152	0.41	6.90	0.955	0.52	7.00	7.80
25	196	0.41	7.80	0.743	0.52	7.90	8.70
30	224	0.41	8.30	0.647	0.64	8.70	9.60
35	276	0.41	9.00	0.527	0.64	9.40	10.40
40	308	0.41	9.60	0.473	0.71	10.00	11.10
50	396	0.41	10.50	0.368	0.71	11.00	12.20
60	296	0.51	11.60	0.315	0.80	12.00	13.30
70	360	0.51	12.50	0.259	0.80	13.00	14.40
95	475	0.51	14.80	0.196	0.90	15.30	16.70