

Maxlink R AL Cable 0,6/1 kV

NBR 7285

90 °C

Conductor

Formed by bare aluminum wires alloy 1350, temper H19, stranding class 2, round compact, meeting the requirements of the standard NBR NM 280.

Insulation

XLPE 90 °C - Thermosetting compound of cross-linked polyethylene, with at least 2% carbon black.

Identification

Black, Light Blue and Green.
Note: other colors, on request.

Maximum temperatures at the conductor

- 90 °C in continuous service.
- 130 °C in overload.
- 250 °C short-circuit.

Implementation

Used in fixed power and light installations in industrial, commercial and residential buildings, in distribution circuits and terminal circuits, and for underground low-voltage power lines.

Applicable Standards

NBR 7285 - Power cables with solid extruded cross-linked polyethylene (XLPE) insulation for 0.6/1 kV voltage - without cover
NBR NM 280 - Insulated cable conductors.

Construction Data*

Nominal crosssection (mm²)	Conductor Diameter (mm)	Thickness Insulation (mm)	Outer Diameter (mm)	Approx mass (kg/km)	Standard Packaging
					Coil (m)
10,00	3,7 r c	1,6	6,9	49,6	1000
16,00	4,7 r c	1,6	7,9	69,5	1000
25,00	5,9 r c	1,6	9,1	98,9	1000
35,00	7,0 r c	1,6	10,2	129,0	1000
50,00	8,1 r c	2,0	12,2	179,5	500
70,00	9,7 r c	2,0	13,8	242,5	500
95,00	11,4 r c	2,0	15,5	320,3	500
120,00	12,8 r c	2,4	17,7	412,4	500
150,00	14,2 r c	2,4	19,1	491,7	500
185,00	15,9 r c	2,4	20,9	600,9	500
240,00	18,3 r c	2,6	23,7	778,1	500
300,00	20,4 r c	2,8	26,2	965,2	500

r c- round compact *Data subject to change without prior notice