

PRODUCT SPECIFICATION

EPB51490

Low voltage power cable

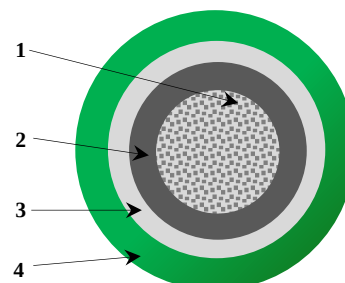
Aluminium conductors

XLPE insulation

LSZH inner covering

LSZH outer sheath

RZ1(AS) 0,6/1kV 1xS



Schematic cross-sectional drawing (single core)

Construction and testing according standards

EN 60228

UNE 21123-4

Flame retardant – EN 60332-1-2

Fire retardant – EN 50399

IEC 60332-3-24 Cat.C

Halogen free – EN 60754-1

Low acidity and corrosivity – EN 60754-2

Low smoke emission – EN 61034-2

Reaction to fire – EN 50575 (C_{ca}-s1b,d1,a1)

Rated voltage

0,6 / 1 (1,2) kV

Colours

Insulation:
Black

Outer sheath:
Green

Marking

On the outer sheath, with the following information:

CABELTE INCASA RZ1(AS) 0,6/1kV 1x
'cross-section' AL Cca-s1b,d1,a1 Year UNE
21123-4 M.M.

Year – Year of manufacture
M.M. – Metric marking

Legend:

- 1 – Stranded round aluminium conductor, class 2, manufactured according to EN 60228.
- 2 – XLPE insulation, type DIX 3.
- 3 – LSZH inner covering.
- 4 – LSZH outer sheath, flame/fire retardant and with low emission of smoke, type DMZ-1.

Additional information

Maximum temperature in conductor, in normal operation – **90°C**

Maximum temperature in conductor, in short-circuit (max. 5 seconds) – **250°C**

Modular lengths – **Drum 500/1000** as specified by customer. Note: other modular lengths can be combined between customer and CABELTE.

Technical characteristics

	1x50	1x95	1x150	1x240	1x300	1x400	1x630
Ahlsell's article number	1095487	1095488	1095490	1095492	1095493	1095494	1095495
Approximated outer diameter (mm)	15	18	22	27	30	33	41
Approximated final weight (kg/km)	320	500	740	1090	1330	1670	2520
Min. bending radius – during installation (mm)	60	73	89	135	151	167	203
Capacitance – indicative value (µF/km)	0,226	0,286	0,301	0,341	0,371	0,381	0,420