



# B2ca DALI Cables

5 core 1,50mm<sup>2</sup> 300/500 V

## Cable Design

Conductor	Class 5 Stranded Copper acc. to IEC60228, DIN EN 60228
Insulation	FR-LSZH
Core Identification	See table on page 2
Lay-Up	In concentric layers
Outer Jacket	Black FRLSZH UV acc. UL1581 Sec 1200

## Fire Performance Properties

Harmonized Standard	B2ca-s1,d1,a1
No Fire Propagation	EN60332-3-24 & IEC60332-3-24
No Flame Propagation	EN60332-1 & IEC60332-1
Zero Halogen	EN60754-1 & IEC60754-1
Corrosive Gases	EN 60754-2 & IEC60754-2
Smoke Density	EN 61034 & IEC61034

## Mechanical Properties

Bending Radius	Mobile: 10 x OD Fixed: 5 x OD
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## Electrical Properties

Voltage Rating	300/500 V
Test Voltage	2000 V
Fixed Temp. Rating	-30°C to + 80°C
Mobile Temp Rating	-5°C to + 70°C





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## Core Identification

Core	Connection
Black	Live (L)
White	Neutral (N)
Red	Data
Orange	Data
Yellow/Green	Ground (Earth)

## Specification

Conductor Size [mm <sup>2</sup> ]	Conductor Resistance [Ohm/km]	Overall Diameter [mm]	Weight [kg/km]
5 x 1,5	13,3	8,20	119

## Conformance

2014/35/EU

Directive on the harmonisation of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits.

REACH Conformity

EC decree no. 1907/2006 (REACH), art. 33. 2011/65/EU.

(RoHS)

On the restriction of the use of certain hazardous substances in electrical and electronic equipment.

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