



Accordia DALI B2ca LSZH

DALI Cable 1 pair Unshielded, Halogen Free

Image representative of cable family. Actual cable may vary.

CPR Class B2ca s1,d1,a1

FlameSmart® technology

Halogen Free

**Based on
EN IEC 62386-101**

**Control cable for DALI (Digital
Addressable Lighting
Interface) lighting control
systems**

STANDARDS AND CERTIFICATES

Standards	Based on EN IEC 62386-101 EN 60228 EN 50575
CPR Class	B2ca s1,d1,a1
DOP	1002715
ROHS II	complies

CONSTRUCTION

Conductors	Flexible copper class 5
Insulation	HFFR
Laying up	2 cores
Core Identification	Different colors
Outer Sheath	HFFR grey

ELECTRICAL CHARACTERISTICS

Operation Voltage	300/500 V
Test Voltage, core-sheath	1200 V
DC Resistance	0,50mm ² <39,00 Ohm/km 0,75mm ² <26,00 Ohm/km 1,00mm ² <19,50 Ohm/km 1,50mm ² <13,30 Ohm/km
Capacitance, core-core	0,50mm ² <70 pF/m 0,75mm ² <80 pF/m 1,00mm ² <90 pF/m 1,50mm ² <100 pF/m

MECHANICAL CHARACTERISTICS

Minimum bending radius	10 x Φ outer sheath
Operation Temperature	-20 C up to +70 C
Standard packaging	5x100m, 1x500m

APPLICATIONS

SMART BUILDING

INDUSTRIAL

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OUTER DIMENSIONS

ACCORDIA type	No of pairs X No of cores X Cross-Section	Approx. Outer Sheath (mm)
DALI 100	1x2x0,50 mm² / 20 AWG	5,10
DALI 150	1x2x0,75 mm² / 18 AWG	5,60
DALI 200	1x2x1,00 mm² / 17 AWG	5,80
DALI 300	1x2x1,50 mm² / 16 AWG	6,20

MAXIMUM LINE LENGTH

ACCORDIA type	Max Cable Length
DALI 100	100 m
DALI 150	150 m
DALI 200	200 m
DALI 300	300 m



Cable is not intended for direct connection to the mains electricity supply.

ACCORDIA
CABLES BEYOND STANDARD

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