



Accordia DALI HS B2ca LSZH HyperShield®

DALI Cable 1 pair Shielded, Halogen Free

Image representative of cable family. Actual cable may vary.

CPR Class B2ca s1,d1,a1

HyperShield® 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	1002714
ROHS II	complies

CONSTRUCTION

Conductors	Flexible copper class 5
Insulation	HFFR
Laying up	2 cores
Core Identification	Different colors
Screen	Aluminum tape + tinned copper braid
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 <140 pF/m 0,75mm ² <160 pF/m 1,00mm ² <180 pF/m 1,50mm ² <200 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

Accordia DALI HS B2ca LSZH

OUTER DIMENSIONS

ACCORDIA type	No of pairs X No of cores X Cross-Section	Approx. Outer Sheath (mm)
DALI 100 HS	1x2x0,50 mm² / 20 AWG	5,60
DALI 150 HS	1x2x0,75 mm² / 18 AWG	6,10
DALI 200 HS	1x2x1,00 mm² / 17 AWG	6,30
DALI 300 HS	1x2x1,50 mm² / 16 AWG	6,70

MAXIMUM LINE LENGTH

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

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

ACCORDIA
CABLES BEYOND STANDARD

Pentalofos, T. 2310 787202
P.O.Box 10229
54012 Thessaloniki - Greece
welcome@accordia.gr
www.accordia.gr