



Accordia DALI HS All Weather® HyperShield®

DALI Cable 1 pair Shielded, for outdoor use

Image representative of cable family. Actual cable may vary.

CPR certified

HyperShield® technology

All Weather® technology

UV and moisture resistant

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

Fca

DOP

1002716

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

PE black

ELECTRICAL CHARACTERISTICS

Operation Voltage

300/500 V

Test Voltage, core-sheath

1200 V

DC Resistance

0,50mm² <39,00 Ohm/km

0,75mm² <26,00 Ohm/km

1,00mm² <19,50 Ohm/km

1,50mm² <13,30 Ohm/km

Capacitance, core-core

0,50mm² <140 pF/m

0,75mm² <160 pF/m

1,00mm² <180 pF/m

1,50mm² <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 All Weather**OUTER DIMENSIONS**

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

MAXIMUM LINE LENGTH

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