



Accordia DALI All Weather®

DALI Cable 1 pair Unshielded, for outdoor use

Image representative of cable family. Actual cable may vary.

CPR certified

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	1002717
ROHS II	complies

CONSTRUCTION

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

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
	0,50mm ² <70 pF/m
Capacitance, core-core	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

Accordia DALI All Weather**OUTER DIMENSIONS**

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

MAXIMUM LINE LENGTH

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