



Accordia LiHCH type All Weather

Control Cables, for outdoor use

Image representative of cable family. Actual cable may vary.

CPR certified

All Weather technology

Based on VDE0812 & 0814

STANDARDS AND CERTIFICATES

Standards	Based on VDE0812 & VDE0814 EN 60228 EN 50575
CPR Class	Fca
DOP	1002685
ROHS II	complies

CONSTRUCTION

Conductors	Flexible copper class 5
Insulation	HFFR
Laying up	Cores stranded
Core Identification	Different colors without repetition, based on DIN 47100
Screen	Tinned copper braid
Outer Sheath	PE black

ELECTRICAL CHARACTERISTICS

Operation Voltage	300/500 V
Insulation Resistance	>100 MOhm.km
Test Voltage	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 2,50mm ² <7,98 Ohm/km 4,00mm ² <4,95 Ohm/km

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

SAFETY & SECURITY

INDUSTRIAL

Accordia LiHCH type AW**OUTER DIMENSIONS**

No Cores X Cross-section (mm ²)	Outer Sheath (mm)
2x0,50	5,30
3x0,50	5,60
4x0,50	6,00
5x0,50	6,50
6x0,50	7,10
2x0,75	5,80
3x0,75	6,10
4x0,75	6,60
5x0,75	7,20
6x0,75	7,80
7x0,75	7,80
2x1,00	6,00
3x1,00	6,30
4x1,00	6,90
5x1,00	7,50
6x1,00	8,10
7x1,00	8,10
2x1,50	6,40
3x1,50	6,80
4x1,50	7,40
5x1,50	8,00
6x1,50	8,70
7x1,50	8,70
2x2,50	7,40
3x2,50	7,80
4x2,50	8,60
5x2,50	9,40
6x2,50	10,20
7x2,50	10,20
2x4,00	8,60
3x4,00	9,10
4x4,00	10,00
5x4,00	11,00
6x4,00	12,00
7x4,00	12,00

 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