ACCORDIA
CABLES BEYOND STANDARD

T E C H N I C A L D A T A S H E E T

Accordia LiHCH type All Weather

Control Cables, for outdoor use

Image representative of cable family. Actual cable may vary.

CPR certified

All Weather technology

UV and moisture resistant

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	**0,50mm2 <39,00 Ohm/km** **0,75mm2 <26,00 Ohm/km** **1,00mm2 <19,50 Ohm/km** **1,50mm2 <13,30 Ohm/km** **2,50mm2 <7,98 Ohm/km** **4,00mm2 <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 (mm2)	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

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