ACCORDIA
CABLES BEYOND STANDARD

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

Accordia LiH(St)CH B2ca LSZH

Control Cables Halogen Free

Image representative of cable family. Actual cable may vary.

CPR Class B2ca s1,d1,a1

FlameSmart technology

Based on VDE0812 & 0814

Halogen Free

STANDARDS AND CERTIFICATES

Standards	**Based on VDE0812 & VDE0814** **EN 60228** **EN 50575**
CPR Class	**B2ca s1,d1,a1**
DOP	**1002727**
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	**Aluminum tape + tinned copper braid**
Outer Sheath	**HFFR grey**

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

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OUTER DIMENSIONS

No Cores X Cross-section (mm2)	Approx. Outer Sheath (mm)
2x0,50	**5,60**
3x0,50	**5,90**
4x0,50	**6,30**
5x0,50	**6,80**
6x0,50	**7,30**
2x0,75	**6,10**
3x0,75	**6,40**
4x0,75	**6,90**
5x0,75	**7,50**
6x0,75	**8,10**
7x0,75	**8,10**
2x1,00	**6,30**
3x1,00	**6,60**
4x1,00	**7,20**
5x1,00	**7,80**
6x1,00	**8,40**
7x1,00	**8,40**
2x1,50	**6,70**
3x1,50	**7,00**
4x1,50	**7,60**
5x1,50	**8,30**
6x1,50	**9,00**
7x1,50	**9,00**
2x2,50	**7,70**
3x2,50	**8,10**
4x2,50	**8,80**
5x2,50	**9,70**
6x2,50	**10,50**
7x2,50	**10,50**
2x4,00	**8,90**
3x4,00	**9,40**
4x4,00	**10,30**
5x4,00	**11,30**
6x4,00	**12,30**
7x4,00	**12,30**

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