ACCORDIA
CABLES BEYOND STANDARD

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

Accordia LiHCH (TP) 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

Cores twisted in pairs (Twisted Pairs)

STANDARDS AND CERTIFICATES

Standards	**Based on VDE0812 & VDE0814** **EN 60228** **EN 50575**
CPR Class	**B2ca s1,d1,a1**
DOP	**1002730**
ROHS II	**complies**

CONSTRUCTION

Conductors	**Flexible copper class 5**
Insulation	**HFFR**
Laying up	**Cores twisted in pairs (TP)**
Core Identification	**Different colors without repetition, based on DIN 47100**
Screen	**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	**15 x Φ outer sheath**
Operation Temperature	**-20 C up to 70 C**
Standard packaging	**3x100m, 5x100m, 1x500m**

APPLICATIONS

SMART BUILDING

SAFETY & SECURITY

INDUSTRIAL

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OUTER DIMENSIONS

No Cores X Cross-section (mm2)	Approx. Outer Sheath (mm)
2x2x0,50	**7,90**
3x2x0,50	**8,40**
4x2x0,50	**9,20**
5x2x0,50	**10,20**
6x2x0,50	**10,60**
2x2x0,75	**8,80**
3x2x0,75	**9,30**
4x2x0,75	**10,20**
5x2x0,75	**11,40**
6x2x0,75	**11,80**
2x2x1,00	**9,20**
3x2x1,00	**9,70**
4x2x1,00	**10,60**
5x2x1,00	**11,90**
6x2x1,00	**12,30**
8x2x1,00	**13,60**
10x2x1,00	**15,50**
2x2x1,50	**9,90**
3x2x1,50	**10,40**
4x2x1,50	**11,50**
5x2x1,50	**12,80**
6x2x1,50	**13,30**
7x2x1,50	**13,30**
2x2x2,50	**11,60**
3x2x2,50	**12,30**
4x2x2,50	**13,60**
5x2x2,50	**15,20**
6x2x2,50	**15,80**
7x2x2,50	**15,80**
3x2x4,00	**14,60**
4x2x4,00	**16,10**
5x2x4,00	**18,10**
6x2x4,00	**18,80**
7x2x4,00	**18,80**

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Pentalofos, T. 2310 787202
P.O.Box 10229
54012 Thessaloniki - Greece
welcome@accordia.gr
www.accordia.gr