



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	0,50mm 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

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OUTER DIMENSIONS

No Cores X Cross-section (mm ²)	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

 Cable is not intended for direct connection to the mains electricity supply.

ACCORDIA
CABLES BEYOND STANDARD

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