



Accordia LiYY

Control Cables

Image representative of cable family. Actual cable may vary.

CPR certified

Based on VDE0812

STANDARDS AND CERTIFICATES

Standards	Based on VDE0812 EN 60228 EN 50575
CPR Class	Eca
DOP	1002684
ROHS II	complies

CONSTRUCTION

Conductors	Flexible copper class 5
Insulation	PVC
Laying up	Cores stranded
Core Identification	Different colors without repetition, based on DIN 47100
Outer Sheath	PVC grey

ELECTRICAL CHARACTERISTICS

Operation Voltage	300/500 V
Insulation Resistance	>100 MOhm.km
Test Voltage	1200 V
DC Resistance	0,25mm ² <79,00 Ohm/km 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)
2x0,25	3,70
3x0,25	3,90
4x0,25	4,20
5x0,25	4,60
6x0,25	5,00
7x0,25	5,00
2x0,50	4,70
3x0,50	5,00
4x0,50	5,40
5x0,50	5,90
6x0,50	6,50
7x0,50	6,50
2x0,75	5,20
3x0,75	5,50
4x0,75	6,00
5x0,75	6,60
6x0,75	7,20
7x0,75	7,20
2x1,00	5,40
3x1,00	5,70
4x1,00	6,30
5x1,00	6,90
6x1,00	7,50
7x1,00	7,50
2x1,50	5,80
3x1,50	6,20
4x1,50	6,80
5x1,50	7,40
6x1,50	8,10
7x1,50	8,10
2x2,50	6,80
3x2,50	7,20
4x2,50	8,00
5x2,50	8,80
6x2,50	9,60
7x2,50	9,60
2x4,00	8,00
3x4,00	8,50
4x4,00	9,40
5x4,00	10,40
6x4,00	11,40
7x4,00	11,40

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

ACCORDIA
CABLES BEYOND STANDARD

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