



## Accordia LiYCY

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	1002683
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
Screen	Tinned copper braid
Outer Sheath	PVC grey

### ELECTRICAL CHARACTERISTICS

Operation Voltage	300/500 V
Insulation Resistance	>100 MOhm.km
Test Voltage	1200 V
DC Resistance	0,25mm <sup>2</sup> <79,00 Ohm/km 0,50mm <sup>2</sup> <39,00 Ohm/km 0,75mm <sup>2</sup> <26,00 Ohm/km 1,00mm <sup>2</sup> <19,50 Ohm/km 1,50mm <sup>2</sup> <13,30 Ohm/km 2,50mm <sup>2</sup> <7,98 Ohm/km 4,00mm <sup>2</sup> <4,95 Ohm/km

### MECHANICAL CHARACTERISTICS

Minimum bending radius	10 x $\Phi$ outer sheath
Operation Temperature	-20 C up to 70 C
Standard packaging	5x100m, 1x500m

APPLICATIONS

SMART BUILDING

SAFETY & SECURITY

INDUSTRIAL

## Accordia LiYCY

### OUTER DIMENSIONS

No Cores X Cross-section (mm <sup>2</sup> )	Outer Sheath (mm)
2x0,25	4,30
3x0,25	4,50
4x0,25	4,80
5x0,25	5,20
6x0,25	5,60
7x0,25	5,60
2x0,50	5,30
3x0,50	5,60
4x0,50	6,00
5x0,50	6,50
6x0,50	7,10
7x0,50	7,10
7x0,25	5,80
2x0,75	6,10
3x0,75	6,60
4x0,75	7,20
5x0,75	7,80
6x0,75	7,80
7x0,75	6,00
2x1,00	6,30
3x1,00	6,90
4x1,00	7,50
5x1,00	8,10
6x1,00	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



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

**ACCORDIA**  
CABLES BEYOND STANDARD

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