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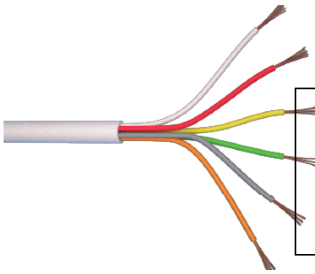
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CAVI & BATTERIE

May 2025

TECHNICAL DATA SHEET

UNSHIELDED ALARM CABLE



CE

CPR 305/11

EN 50575

RoHS

QUALITY

INDOOR | FLAME RETARDANT | WITH POWER CABLES

CONSTRUCTION

Inner conductor

Signal wire 0.22 mm²

Flexible bare copper

Bare copper 7 x 0.170 mm

Red copper 7 x 0.170 mm

Diameter 1.00 mm

Insulation PVC Thickness > 0.20 mm

Assembly

Helicoidally twisted with polyester foil

Semi-compressed outer jacket in white M1 PVC

Flame retardant according to CEI 20-22 III (IEC 60332-3)

CEI UNI 36762

Semi-compressed jacket in white PVC, flame retardant in accordance with CEI 20-22 III (IEC 60331-3) - CEI UNI 36762 regulations.

Thickness > 0.5 mm

Marking

ELAN A.F. CEI 20/22 III CEI 36762 C-4 (Uo-400 V)

ELECTRICAL CHARACTERISTICS

Parameter	Value
Nominal voltage	
Wire: 0.22 mm²	<=100 V
Test voltage (1 min / 50 Hz)	
Wire: 0.22 mm²	1000 V
Max. electrical resistance at 20°C **0.22**	110 Ohm/km

Colour table - 0.22 mm²

1. white	7. light blue
2. red	8. brown
3. yellow	9. violet
4. green	10. black
5. grey	11. blue
6. orange	12. pink

Jacket

Minimum insulation resistance at 20°C	200 MOhm/km
Voltage according to CEI 36762 C-4 (Uo-400 V)	400 V

MECHANICAL CHARACTERISTICS

Operating temperature range	-15°C to +80°C
Minimum bend radius (installed)	12 x Ø

Code	Description	Diameter [mm]	Weight [kg/km]	Pack
05004(1)-(5)	4x0.22 N/SCH	3.80	17.55	100/500 m
05006(1)-(5)	6x0.22 N/SCH	4.30	25.50	100/500 m
05008(1)-(5)	8x0.22 N/SCH	4.60	30.19	100/500 m
05012(1)-(5)	12x0.22 N/SCH	5.40	44.96	100/500 m

The manufacturer reserves the right to modify the product without notice.