

ELA installation cable - 100 V line
n x 2x 0.8 mm solid - FRNC - Dca

- solid conductor, Ø 0.80 mm
- twisted pair contruction
- flame retardant and non corrosive (FRNC)
- CPR class Dca - s1, d1, a1 acc. to EN50575 (IEC 60332)

FRNC | CPR D CA

Solid conductor cable in „twisted pair" version for analogue installations, especially designed for 100 Volt public address systems (PA). Robust, halogen-free and flame retardant installation cable featuring twisted pairs and foil screen.

design

conductor	solid bare copper wire, Ø 0.80 mm
cond. cross section	0.50 mm²
core insulation	LSZH, colou code according to VDE 0815
core stranding	n x 2 cores twisted to a pair
taping	polyester foil
shielding	AL/PETP foil + solid bare copper drain wire, Ø 0.8 mm
outer jacket	FRNC, grey

electric

conductor resistance	36.6 Ω/km
mutual capacitance	< 120 nF/km
insulation resistance	> 100 MΩ x km
test voltage	
cond. / cond.	500 V
cond. / shield	2000 V
max. operating voltage	225 V

mechanical & thermal characteristics

min. bending radius	5x overall diameter
operating temperature	-30°C / +70°C
flame retardancy	acc. to IEC 60332-3-24
halogen-free	acc. to IEC 60754-2 and VDE 0482 - part 267-2-2
low smoke density	acc. to IEC 61034

order code	no. of pairs	outer Ø mm	heat of combustion kWh/km	cable color	weight kg/m	standard lengths m
ELA108H-D	1	6.5	130	grey	0,03	100 / 200 / 300
ELA208H-D	2	8	195	grey	0,07	100 / 200 / 300
ELA408H-D	4	9.0	225	grey	0,1	100 / 200 / 300

technical specifications are subject to change

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