

FRNC CPR E CA

balanced single pair wiring cable 2x 0.22 mm² - FRNC

- 1x 2x 0.22 mm² (AWG 24)
- stranded conductor 7x 0.20 mm
- AL/PET foil shield
- flame retardant and non corrosive (FRNC)
- CPR class Eca acc. to EN50575 (IEC 60332)

Flexible and cost efficient: this balanced switch cable with only 3.4 mm overall diameter is perfect for rack wiring and studio cabeling in applications without mechanical stress. This version with a jacket from FRNC is flame retardant and halogen-free.

design

cond. construction	stranded tinned copper, 7x 0.20 mm (AWG 24/7)
cond. cross section	0.22 mm²
insulation	polyethylene (PE)
core arrangement	2 cores twisted to a pair
outer jacket	FRNC

electric

conductor resistance	< 85 Ω/km
capacitance	
cond./cond.	85 pF/m
cond./shield	160 pF/m
insulation resistance	> 10 GΩ x km

mechanical & thermal characteristics

operating temperature	-20°C / +70°C
min. bending radius	
installed	5x overall diameter
mobile use	10x overall diameter
no hazardous substances	acc. to EU directivo RoHS 2011/65/EU from 08.06.2011
CE conformity	acc. to EU directivo LVD 2014/35/EU
halogen-free	acc. to IEC 60754-1
non corrosive	acc. to IEC 60754-2
low smoke emission	acc. to IEC 61034-2
flame retardancy	acc. to IEC 60332-1-2
heat of combustion	190 kJ/m

order code	cable color	weight kg/m	standard lengths m
P0122H	black	0,02	50 / 100 / 200 / 300 / 500

technical specifications are subject to change

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