



FRNC

Eca

**StarQuad pro audio cable****4 x 0.18 mm<sup>2</sup> - FRNC**

- AL/PET foil shield (100% coverage)
- quad connection: 2 x 0.36 mm<sup>2</sup> (AWG 22)
- AL/PET foil shield (100% coverage)
- flame retardant and non corrosive (FRNC)
- CPR class Eca acc. to EN50575
- 
- <sup>1</sup> quad connection: two diagonally opposite conductors are attached to one conductor
- <sup>2</sup> each pair from two diagonally opposite conductors forms one transmission path

The SQ422H is ideal for installations. The jacket is of flame-retardant halogen-free FRNC while the four finely stranded wires are protected from electromagnetic interference with an AL foil shield and 100% screening earthed with a drain wire. Like all star-quad cables, the four cores are wired in such a way that opposite cores are electrically connected, thus reducing the cable's susceptibility to electromagnetic interference - as does the extremely short lay length of the core twisting.

**construction**

cond. construction	stranded tinned copper, 7 x 0.18 mm
cond. cross section	0.18 mm <sup>2</sup>
insulation	polyethylene (PE)
core arrangement	4 cores twisted to a star quad
shielding	AL/PETP foil
element jacket	LSZH, grey, numbered
drain wire	stranded tinned copper, 7 x 0.16 mm
overall diameter	4.7 mm

**mechanics**

min. bending radius	40 mm
working temperature	-30°C / +70°C
halogen-free	acc. to IEC 60754-1-1
flame retardancy	acc. to IEC 60332-1-2
heat of combustion	190 kWh/km

**electric**

conductor resistance	100 Ω/km
insulation resistance	> 30 GΩ x km
capacitance	
cond./cond. <sup>1</sup>	130 pF/m
cond./shield <sup>1</sup>	173 pF/m
cond./cond. <sup>2</sup>	50 pF/m
cond./shield <sup>2</sup>	95 pF/m

order code	cable color	weight kg/m	standard lengths m
SQ418H	black	0.03	30 / 50 / 100 / 200 / 300

technical specifications are subject to change