

**StarQuad - 4 x 0.18 mm² - FRNC**

- 100% coverage due to an AL foil shield
- a drain wire enables a convenient and fast assembly
- flame retardant and non corrosive (FRNC)
- quad connection: 2 x 0.30 mm² (AWG 22)
- CPR class Eca acc. to EN50575

¹ quad connection: two diagonally opposite conductors are attached to one conductor

² each pair from two diagonally opposite conductors forms one transmission path

FRNC**Eca**

The SQ418H 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 ²
insulation	polyethylene (PE)
core arrangement	4 cores twisted to a star quad
shielding	AL/PETP foil
drain wire	stranded tinned copper, 7 x 0.16 mm
outer jacket	FRNC
overall diameter	4.7 mm

mechanics

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

electric

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

order code	colour	weight kg	standard lengths m
SQ418H	grey	0.03	30 / 50 / 100 / 200 / 300

technical specifications are subject to change