

**StarQuad - 4 x 0.34 mm² - PVC**

- extremely flexible
- high interference resistance
- quad connection: 2 x 0.68 mm² (AWG 19)

¹ quad connection: two diagonally opposite conductors are attached to one conductor
² each pair from two diagonally opposite conductors forms one transmission path

PVC

With inner conductors of extra-fine wires (IEC 60228, class 6) and short core stranding, this StarQuad cable is ultra-flexible despite its large conductor cross-sections. The cable has an extra-dense braided copper shield; this and the quad configuration provide outstanding protection against electromagnetic interference. Protection against mechanical influences is provided by a thick, yet flexible and supple outer jacket of PVC.

construction

cond. construction	stranded tinned copper, 43 x 0.10 mm (AWG 22), extra fine stranded acc. to IEC 60228, class 6
cond. cross section	0.34 mm ²
insulation	polyethylene (PE)
core arrangement	4 cores twisted to a star quad
shielding	tinned copper braid, >90% coverage
outer jacket	PVC
overall diameter	7.8 mm

mechanics

min. bending radius	40 mm
working temperature	-20°C / +70°C
flame retardancy	acc. to IEC 60332-1-2

electric

conductor resistance	52 Ω/km
shield resistance	15 Ω/km
insulation resistance	> 5 GΩ x km
capacitance	
cond./cond. ¹	135 pF/m
cond./shield ¹	190 pF/m
cond./cond. ²	55 pF/m
cond./shield ²	100 pF/m

order code	colour	weight kg	standard lengths m
SQ434Y	black	0.08	30 / 50 / 100 / 200 / 300

technical specifications are subject to change