



PVC

24 pairs

StarQuad pro audio multicore**24 x 4 x 0.15 mm² - PVC**

- 0.15 mm² conductor cross section (AWG 26)
- quad connection: 2 x 0.30 mm² (AWG 22)
- very dense tinned copper spiral shield
- extremely flexible
- mobile low noise multicore

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

This multicore connector cable combines conduction properties of the star-quad cable SQ414. It comprises 24 cables, each individual cable of which is made up of four cores. As in the SQ 414, opposing pairs of cores are electrically connected in perfectly symmetrical twisting and enclosed in a spiral shield offering over 95 per cent screening. The sophisticated layered twisting improves stability - an immensely valuable advantage in mobile use as the cable retains its durability even after frequent winding and unwinding. Additional shielding is provided by a tinned copper braided shield with over 85 per cent screening to minimize electromagnetic interference.

design

cond. construction	stranded tinned copper, 19 x 0.10 mm
cond. cross section	0.15 mm ²
insulation	polyethylene (PE)
core arrangement	4 cores twisted to a star quad
drain wire	stranded tinned copper, 7 x 0.20 mm
shielding	tinned copper spiral shield, >95% coverage
element jacket	PVC, grey, numbered
overall shield	tinned copper braid, >85% coverage
outer jacket	PVC

electric

conductor resistance	116 Ω/km
shield resistance	28 Ω/km
capacitance	
cond./cond. ¹	150 pF/m
cond./shield ¹	200 pF/m
cond./cond. ²	60 pF/m
cond./shield ²	110 pF/m
characteristic impedance ¹	40 Ω
characteristic impedance ²	110 Ω

mechanics

min. bending radius	5x overall diameter
working temperature	-20°C / +70°C
flame retardancy	acc. to IEC 60332-1

order code	no. of star quads	heat of combustion kWh/km	outer Ø mm	cable color	weight kg/m
SQM14Y24	24	2350	25.3	black	0.78

technical specifications are subject to change