

**StarQuad - 4 x 0.22 mm² - PVC**

- very dense braid screen from tinned copper
- a drain wire enables a convenient and fast assembly
- quad connection: 2 x 0.44 mm² (AWG 21)

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

This 4-conductor microphone cable has outstanding features: very low capacitance, perfectly symmetrical stranding (star-quad) and extremely dense braiding. To avoid hum and noise caused by induced magnetic fields, opposite pairs of conductors must be connected to each other. A stranded drain wire beneath the braiding facilitates handling considerably.

construction

cond. construction	stranded tinned copper, 28 x 0.10 mm
cond. cross section	0.22 mm ²
insulation	polyethylene (PE)
core arrangement	4 cores twisted to a star quad
shielding	tinned copper braid, >90% coverage
drain wire	stranded tinned copper, 7 x 0.20 mm
outer jacket	PVC
overall diameter	6.5 mm

electric

conductor resistance	85 Ω/km
shield resistance	17 Ω/km
insulation resistance	> 30 GΩ x km
capacitance	
cond./cond. ¹	125 pF/m
cond./shield ¹	180 pF/m
cond./cond. ²	50 pF/m
cond./shield ²	100 pF/m

mechanics

min. bending radius	30 mm
working temperature	-20°C / +70°C
flame retardancy	acc. to IEC 60332-1
heat of combustion	200 kWh/km

order code	color	weight kg/m	standard lengths m
SQ422Y	black	0.06	30 / 50 / 100 / 200 / 300

technical specifications are subject to change