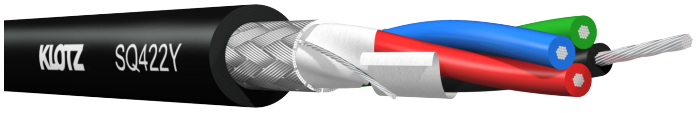

PVC

StarQuad pro audio cable
4x 0.22 mm² - PVC

- 0.22 mm² conductor cross section (AWG 24)
- quad connection: 2x 0.44 mm² (AWG 21)
- very dense tinned copper braid screen
- drain wire for fast and convenient assembly

- [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 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.

design

cond. construction	stranded tinned copper, 28x 0.10 mm
cond. cross section	0.22 mm²
insulation	polyethylene (PE)
core arrangement	4 cores twisted to a star quad
drain wire	stranded tinned copper, 7x 0.20 mm
shielding	tinned copper braid, >90% coverage
overall diameter	6.5 mm

electric

conductor resistance	85 Ω/km
shield resistance	15 Ω/km
insulation resistance	> 1 GΩ x km
capacitance	
cond./cond.[1]	125 pF/m
cond./shield[1]	170 pF/m
cond./cond.[2]	50 pF/m
cond./shield[2]	100 pF/m

mechanical & thermal characteristics

operating temperature	-25°C / +70°C
min. bending radius	
installed	5x overall diameter
mobile use	10x overall diameter
no hazardous substances	acc. to EU directivo RoHS 2011/65/EU from 08.06.2011
CE conformity	acc. to EU directivo LVD 2006/95/EG
flame retardancy	acc. to IEC 60332-1-2
heat of combustion	864 kWh/km

order code	cable color	weight kg/m	standard lengths m
SQ422Y	black	0,06	30 / 50 / 100 / 200 / 300

technical specifications are subject to change

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