



PUR

StarQuad pro audio cable 4x 0.50 mm² - PUR

- 0.50 mm² conductor cross section (AWG 20)
- quad connection: 2x 1.0 mm² (AWG 18)
- very dense tinned copper braid screen
- extreme robust PUR jacket
- high interference resistance
- ideal for long distances

- 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 cable with its extremely dense braid screen allows interference-free transmission of signals even over long distances. Low capacitance and a large conductor cross-section ensure low high-frequency losses and low attenuation levels. The special PUR outer jacket provides exceptional characteristics: robust, halogen-free, flexible and suitable for drum winding even down to temperatures of -40 °C.

design

cond. construction	stranded tinned copper, 16x 0.20 mm
cond. cross section	0.50 mm ²
insulation	polyethylene (PE)
core arrangement	4 cores twisted to a star quad
shielding	tinned copper braid, >90% coverage
outer jacket	PUR, black
overall diameter	6.4 mm

mechanical & thermal characteristics

operating temperature	-40°C / +70°C
min. bending radius	
installed	5x overall diameter
mobile use	10x overall diameter
no hazardous substances	acc. to EU directive RoHS 2011/65/EU from 08.06.2011
CE conformity	acc. to EU directive LVD 2014/35/EU
REACH conformity	acc. to REACH regulation 1907/2006
halogen-free	acc. to IEC 60754-1
non corrosive	acc. to IEC 60754-2
heat of combustion	227 kWh/km

electric

conductor resistance	35 Ω/km
shield resistance	15 Ω/km
insulation resistance	> 5 GΩ x km
capacitance	
cond./cond. ¹	160 pF/m
cond./shield ¹	200 pF/m
cond./cond. ²	65 pF/m
cond./shield ²	130 pF/m

order code	cable color	weight kg/m	standard lengths m
SQ450P	black	0,06	30 / 50 / 100 / 200 / 300

technical specifications are subject to change