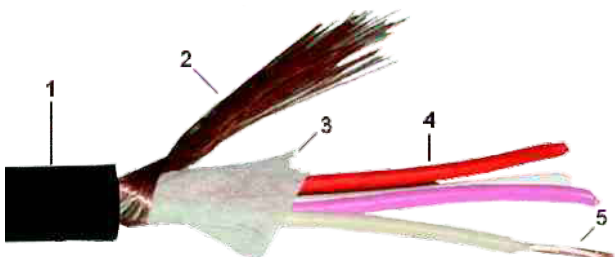


DGS-4/1 starquad installation (41001)

DGS "starquad" cables are the most advanced single shielded microphone cables presently available. We have combined an ultraflexible PVC-jacket, low capacitive PE insulation, "Reussen Shielding" and quad (4-conductor) construction for a truly professional cable at an affordable price.

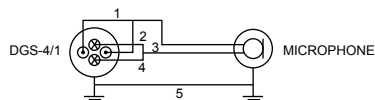
The "starquad" concept is known and recommended where the RF-rejection is the most important factor and where very long cable runs are needed. As we use each 2 conductors for low and high signal, we reduce the signal loss by 50% and due to the offset of the incoming RF-signal by the way the 4 conductors are twisted, the RF-rejection is up to 130dB (25 kHz).



Microphone wiring diagram (Quad wiring)

This cable XLR-Connector

1 = red	pin 2
2 = pink	pin 2
3 = white	pin 3
4 = ivory	pin 3
5 = screening 1+2	pin 1



1	Jacket	PVC, \varnothing 4.7 mm, black
2	Shield	Bare copper wires (0.10 mm), 100% coverage
3	Viscose fiber coat	Counter wrapped to the quad twisted element
4	Insulation	PE, \varnothing 1.20 mm, white, ivory, pink and red, quad twisted
5	Conductor	Stranded bare copper wires, 7 x 0.20 mm (0.22 mm ²)

Conductor resistance	< 85 Ohm /km	Test voltage cond/cond	500 V eff.
Shielding resistance	< 40 Ohm /km	Test voltage cond/shield	2000 V eff.
Capacitance cond/cond	< 40 nF /km	Operating voltage	low voltage
Capacitance cond/shield	< 101 nF /km	Temperature range (flex)	- 5° to +50° C
Side circuit capacitance A/B	55 pF /m	Temperature range (fix)	-30° to +70° C
Side circuit capacit. Quad	135 pF /m	Noise attenuation	130 db (>wiring)

Order No.	Type	\varnothing mm	Color	Spool Size	Weight /Spool	Shipping Unit
41001	DGS-4/1	4.7	black	100 m	3.75 kg	4 x 100 m