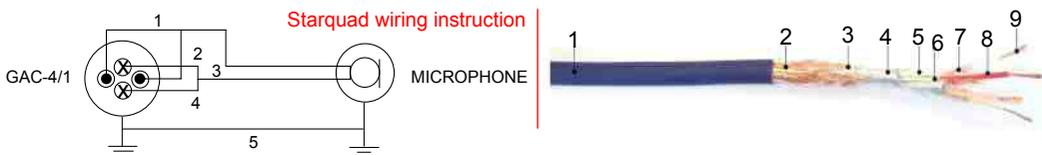


GAC-4/1 ultra pro conductor shielded (11301)

Gotham "starquad" cables are the most advanced microphone cables presently available. We have combined an ultraflexible PVC-jacket, low capacitive PE insulation, "Double 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 over 130dB (25 kHz). The exclusive double shielding does its part of these features as well. Now we have further added another protection feature to the construction for ultimate shielding and/or 2 channels (stereo) balanced usage! 11301 is a starquad balanced single channel 5 times shielded audio cable! Ultraflexible professional audio cable for microphones. 'Double Reussen Shield', velvet matte non-light reflecting PVC-jacket material. A unique construction newly invented by Gotham design. Each of the 4 conductor is shielded with a lap shield 100% covering copper wires (7) (Reussen Shield) plus a conductive separation layer (6) (aluminum coated polyester). This conductor is twisted in starshape around conductor nr 2/3/4 and turn is hold in place with another aluminum coated layer (4), followed by Gotham's unique Double Reussen Shield. This cable is absolutely uncompromised to achieve maximum shielding possible while the flexibility and durability is still very good and the cable can be used in mobile applications as well. One can also use the cable as a 2 channel balanced cable giving still perfect crosstalk and shielding of each channel!



1	Jacket	PVC, \varnothing 8.80 mm, marine blue
2	Shield No. 1	Bare copper wires (0.10 mm), 100% coverage
3	Shield No. 2	Bare copper wires (0.10 mm), 100% coverage
4	Layer	Polyester nonwoven thermally bonded, both sides alum. coated
5	Separation	Filler material viscose
6	Conductor shield layer	Polyester nonwoven thermally bonded, both sides alum. coated
7	Cond. copper shield	Bare copper wires (0.10 mm), 100% coverage
8	Isolation	Cellular PE, \varnothing 2.00 mm, 4 different colors
9	Conductor	Stranded bare LCOF copper wires, 64 x 0.10 mm (4x) (0.50 mm ²)

Conductor resistance	max. 39 Ohm /km	Test voltage cond/cond	500 V eff.
Shielding resistance	< 28 Ohm /km	Test voltage cond/shield	2000 V eff.
Capacitance cond/cond	< 50 nF /km	Operating voltage	low voltage
Capacitance cond/shield	< 103 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
11301	GAC-4/1 Ultra pro	8.8	marine blue	100 m	14.3 kg	2 x 100 m