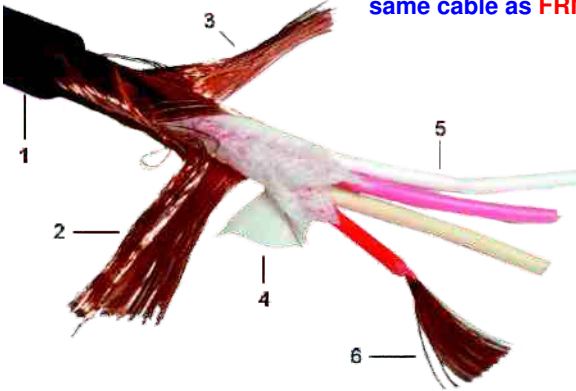


### GAC-4/1 double shielded starquad (11001)

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.

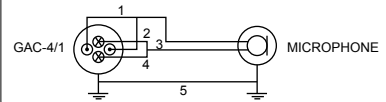
same cable as FRNC: 11201



#### 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



FRNC = Flame Retardant Non Corrosive = Flame retardant per IEC-332-1 test standard

1	Jacket	PVC, $\varnothing$ 5.4 mm, velvet black (ultrasoft)
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	Viscose fiber coat	Counter wrapped to the quad twisted conductors
4	Insulation (cond.)	PE, $\varnothing$ 1.20 mm, white, ivory, pink and red, quad-twisted
5	Conductor	Stranded bare copper wires, 96 x 0.05 mm (0.19 mm <sup>2</sup> )

Conductor resistance	< 90 Ohm /km	Test voltage cond/cond	500 V eff.
Shielding resistance	< 20 Ohm /km	Test voltage cond/shield	2000 V eff.
Cap. @ 800 Hz, cond/cond	< 55 nF /km	Operating voltage	low voltage
Cap. @ 800 Hz, 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 (see wiring)

Order No.	Type	$\varnothing$ mm	Color	Spool Size	Weight /Spool	Shipping Unit
11001	GAC-4/1	5.4	black	100 m	4.6 kg	4 x 100 m
11201	GAC-4/1 FRNC	5.4	black	100 m	4.6 kg	4 x 100 m