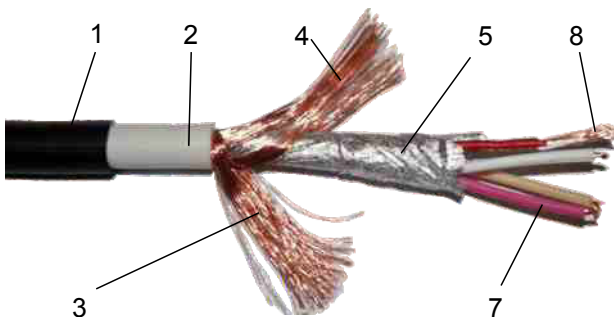


GAC-4/1 road starquad (11051)

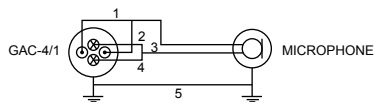
Gotham "Star-Quad" cables are the most advanced microphone cables presently available. We have combined an ultraflexible PVC-jacket, low capacitive PE insulation, "double Reussen shielding" and quad (4-conductor) construction for a truly professional cable at an affordable price. The "Star-Quad" concept 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.



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	PUR-Jacket	PUR, ø 7.0 mm, velvet black 0.70 mm
2	PVC-Jacket	PVC, ø 5.6 mm, white (ultrasoft) 0.80 mm
3	Shield No. 1	Bare copper wires (0.10 mm), 100% coverage
4	Shield No. 2	Bare copper wires (0.10 mm), 100% coverage
5	Conductive Viscose fiber coat	PETPAL Polyester nonwoven thermally bonded, both sides alum. coated. Counter wrapped to the quad twisted conductors
6	Twisting	Four core and cotton yarns twisted together, star-quad
7	Insulation (cond.)	PP -9Y, Ø 1.4 mm, white, ivory, pink and red
8	Conductor	Strand. bare copper wires 28x0,10mm OFC Ø 0.60mm (0.28 mm ²)

Conductor resistance	< 55 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	

Order No.	Type	ø mm	Color	Spool Size	Weight /Spool	Shipping Unit
11051	GAC-4/1 Road	7.0	black	200 m	10.2 kg	2 x 200 m