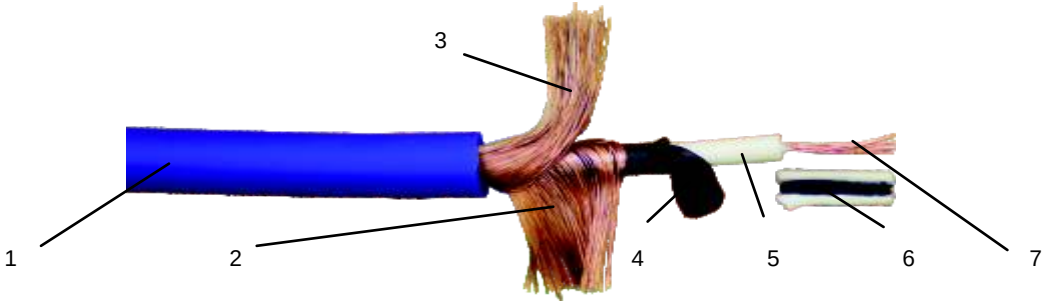
GAC-1 ultra pro double shielded (1001x)

Two major categories of noise affect all audio cables: electrical interference and microphonics. Unbalanced signal core audio cables are much more sensitive to electrical interference than balanced cables which, because of their twisted pair configuration, have the ability to mutually cancel EMI. Microphonic noise is caused by static charges generated when the conductor is rubbed/moved against its insulation. This occurs to some degree whenever the cable is moved. The microphonic effect is evident by a clicking noise in the system, usally occurring when the cable is handled or moved. Gotham GAC-1 unbalanced cable (1000X) has been engineered to minimize these effects. With this ultra pro version we have gone one step forward by adding yet another layer of conductive plastic between the conductor (7) itself and the isolation of the conductor. Making a sandwich kind of conductive material between the 2 copper shields and the conductor isolation itself.

LCOF higher grade copper at best standards for best performance



construction

1	Jacket	PVC, ø 6.3 mm
2	Shield No. 1	90x Bare copper wires (0.10 mm), 100% coverage
3	Shield No. 2	98x Bare copper wires (0.10 mm), 100% coverage
4	Layer	PVC, semiconductive black
5	Isolation	Cellular PE, ø 2.50 mm
6	Layer	PVC, semiconductive black, ø 0.75 mm
7	Conductor	Stranded bare LCOF copper wires, 7 x 0.20 mm (0.22 mm²)

specifications

Conductor resistance	<	85 Ohm /km
Shielding resistance	<	11.3 Ohm /km
Capacitance cond /shield	<	70 nF /km

Test voltage	1000 V eff. (2 minutes)
Temperature range (flex)	- 5° to +50° C
Temperature range (fix)	-30° to +70° C

ordering data

Order No.	Type	ø mm	Color	Spool Size	Weight /Spool	Shipping Unit
10011	GAC-1 ultra pro	6.3	red	100 m	4.5 kg	4 x 100 m
10012	GAC-1 ultra pro	6.3	black	100 m	4.5 kg	4 x 100 m
10018	GAC-1 ultra pro	6.3	blue	100 m	4.5 kg	4 x 100 m