GAC-1 double shielded (1000x)

Two major categories of noise affect all audio cables: electrical interference and microphonics. Unbalanced single 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 a static charge generated when the conductor is rubbed 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, usually occurring when the cable is handled or moved. Gotham GAC-1 unbalanced cable has been engineered to minimize these effects.

construction

1	Jacket	PVC, ø 5.3 mm
2	Viscose fiber coat	Counter wrapped to the shield
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	Layer	PVC, conductive
6	Insulation	PE, ø 1.25 mm
7	Conductor	Stranded bare copper wires, 48 x 0.07 mm (0.19 mm²)

specifications

Conductor resistance	<	90 Ohm /km
Shielding resistance	<	28 Ohm /km
Capacitance	<	146 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
10001	GAC-1	5.3	red	100 m	4.1 kg	4 x 100 m
10004	GAC-1	5.3	blue	100 m	4.1 kg	4 x 100 m
10005	GAC-1	5.3	yellow	100 m	4.1 kg	4 x 100 m
10008	GAC-1	5.3	black	100 m	4.1 kg	4 x 100 m