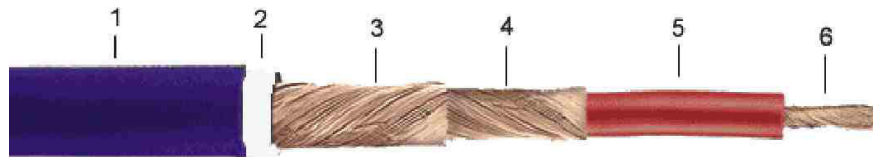




audio

Speaker Cables

GAC SPK 2x2.5 mm²



Loudspeaker cables are transporting very high levels. In an ideal situation we want to have the lowest possible resistance between amplifier and speaker. In order to get closest to this figure, one should accommodate as much copper to the connector as possible to minimize the energy loss and the possible change of the sound performance of your system. Using a cable with a too small diameter can result the copper to transport the energy to its saturation, which will first decrease the level of high frequencies (cable gets warm or even hot) and affect your sound level and quality.

Gotham currently offers two different speaker cable types which can be combined as single line, stereo line or Biphase lines and/or put together for lower resistance. All Gotham speaker cables are protected with ultra strong oil, heat and cold resistant polyurethan (PUR) jacket. The double layer copper strands for the outside line are built to keep a good flexibility and the stronger stranding of the center conductor (line) will keep the unwanted memory (bendings) to the minimum.

PUR-Jacket

1	Jacket	PUR, ø 6.8 mm, blue (dark)
2	Separation	PVC, ø 6.1 mm, white
3	Conductor 1A	Bare OF copper wires (2.50 mm ²), 100% coverage
4	Conductor 1B	Bare OF copper wires (2.50 mm ²), 100% coverage
5	Insulation	PVC, ø 4.0 mm, red
6	Conductor	(OFC) Stranded bare OF copper wires, 50x0.25 mm (2.50 mm ²)

LCOF-Copper

Center conductor resistance	< 7.6 Ohm /km
Shielding resistance	< 7.8 Ohm /km
Capacitance cond /cond	< 98 nF /km
Test voltage cond /cond	800 V eff.
Insulation resistance cond /shield	> 200 MOhm /km
Temperature range (flex)	- 5° to +50° C
Temperature range (fix)	-30° to +70° C

¹⁾ continuous metering indication prints on all multipair cables for easy length verification

Order No.	Type	ø mm	Colour	Spool Size	Weight /Spool	Shipping Unit
¹⁾ 50150	GAC-SPK 2x2.5 mm ²	6.8	blue	200 m	19.2 kg	1 x 200 m

Quaxial speaker cable

Construction

Technical Specifications

Ordering Data

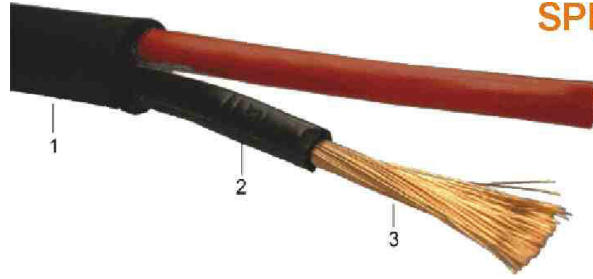
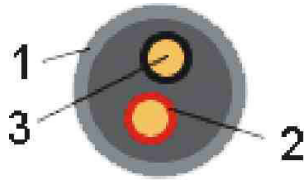
All Gotham Cables are RoHS compliant!



audio

Speaker Cables

SPK 2x2.5 mm²
SPK 2x4.0 mm²



High flexible speaker cable for power amplifiers up to 1000 or 4000 watts. Strands of 0.15 mm bare copper wires, fine stranding for best flexibility but still affordable price.

Best cost effectiveness yet still very flexible construction. Easy application to most connectors. PVC strands do keep the cable construction round and stable.



LCOF-Copper

SPK 2x2.5 mm²

1 Jacket	PVC, ø 8.0 mm, black
2 Insulation	PVC, ø 3.2 mm, black and red
3 Conductor	(OFC) Stranded bare OF copper wires, 140x0.15 mm (2.50 mm ²) LCOF

SPK 2x4.0 mm²

1 Jacket	PVC, ø 9.4 mm, black
2 Insulation	PVC, ø 3.9 mm, black and red
3 Conductor	(OFC) Stranded bare OF copper wires, 7x (32x0.15 mm (4.0 mm ²) LCOF

SPK 2x2.5 mm²

Conductor resistance	< 7.3 Ohm /km
Capacitance cond /cond	< 99 nF /km

SPK 2x4.0 mm²

Conductor resistance	< 4.65 Ohm /km
Capacitance cond /cond	< 142 nF /km

Test voltage cond /cond	2000 V eff.
Temperature range (flex)	- 5° to +50° C
Temperature range (fix)	-30° to +70° C

¹⁾ continuous metering indication prints on all multipair cables for easy length verification

Order No.	Type	ø mm	Colour	Spool Size	Weight /Spool	Shipping Unit
¹⁾ 50025	SPK 2x2.50 mm ²	8.0	black	100 m	11.0 kg	2 x 100 m
¹⁾ 50040	SPK 2x4.0 mm ²	9.4	black	100 m	16.5 kg	1 x 100 m

* Flameretarded PVC, IEC 60332-3

High flexible speaker cable

Construction

Technical Specifications

Ordering Data