

ACS

Angelique® Copper Stranded Wire with PVC Insulation

Angelique®Copper is a high quality copper alloy to which a certain amount of silver and a certain amount of gold is added. A copper plus sort of; for an audibly plus in musical enjoyment. At a price you would not expect from a product enriched with SilverGold. Finally, we got Angelique®Copper's very copper-silver-gold ratio patented. Alternative alloys with more or less silver and/or gold were not as convincing in listening tests. It's all about the mixture!

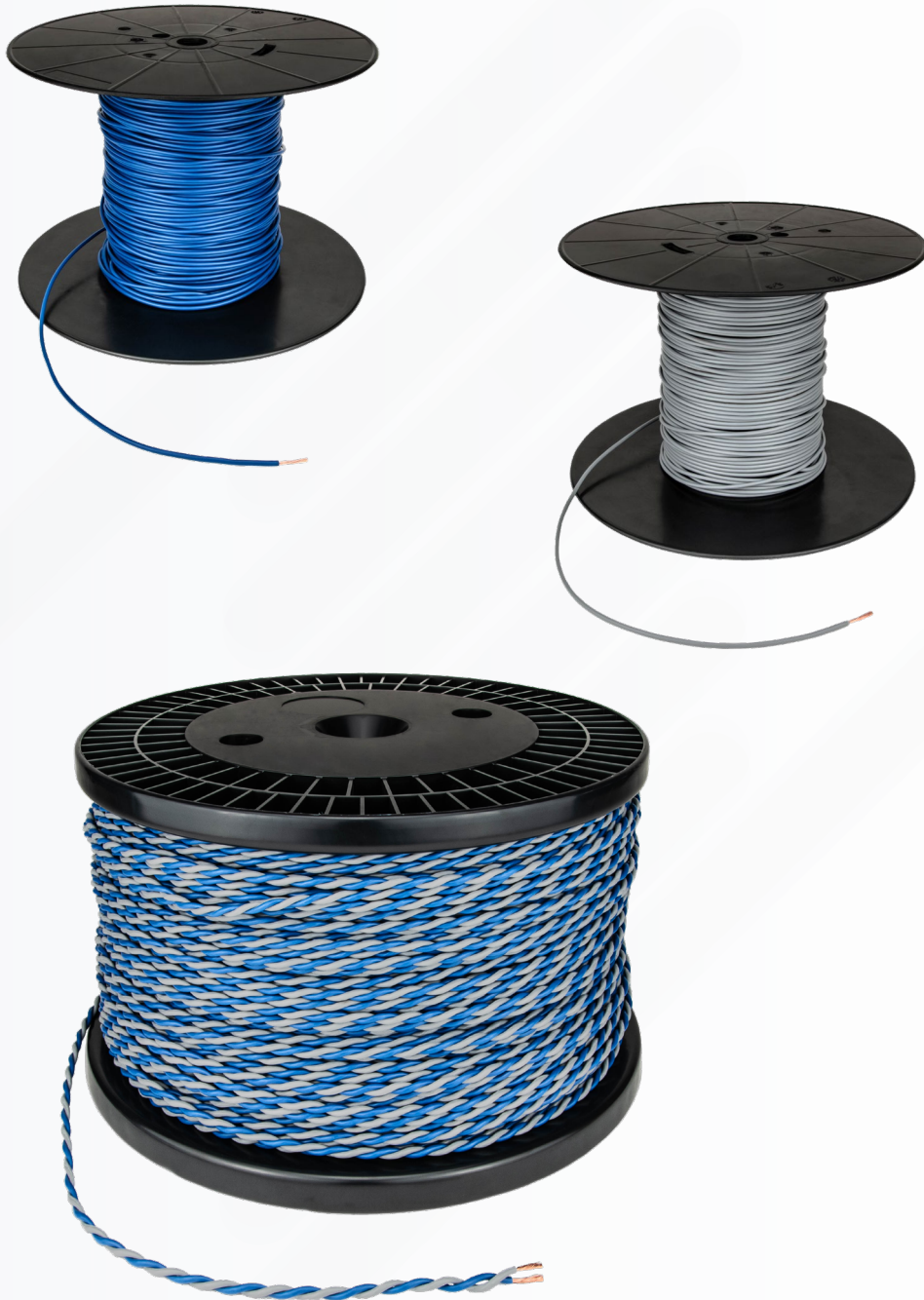
Products based on certain SilverGold alloys have a long tradition at Mundorf. For years, our SilverGold capacitor series are being used regularly in state-of-the-art projects of international manufacturers and passionate DIY experts. By the way, they also love our SilverGold solder. For a reason.

Unlike electronic components such as capacitors or coils, which process the music signal in its typical frequency range, audio cables and wires as electrical conductors solely serve one purpose: To get the music signal from A to B with as little interference as any possible. Not an easy task.

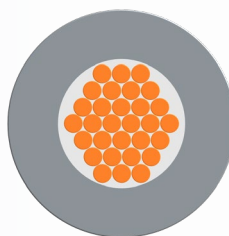
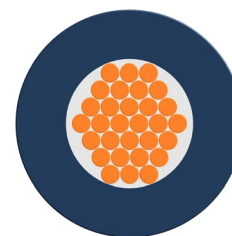
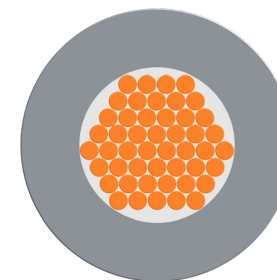
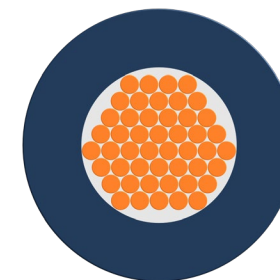
For electro-physical reasons, the current of the music signal causes the conductor material to resonate. One negative effect of these resonances is the resulting loss of energy, of power and expression in music signal. Another effect is the signal influencing feedback of those resonances on musical details and sound staging. For example with our coils, a solid vacuumizing process reduces these negative effects very effectively. Inside our capacitors and resistors, additional damping materials ensure the greatest possible reduction of unwanted resonances, which vary greatly depending on the conductor medium itself.

In listening comparisons of loudspeaker cables, the Angelique®Copper alloy obviously resonates differently and most probably less strongly than the involved 3 metals individually: Calm from within, transparent and structured down to the very smallest audible detail, every kind of music is performed to the point. Its expressiveness and tonal balance are certainly due to the Angelique®Copper alloy itself, which advantageously combines the best tonal characteristics of copper, silver and gold.

Angelique®copper stranded cables and solid core wires can generally be used for audio connections of all kind. Examples are the production of speaker cables and RCA cables or the internal wiring of components and loudspeakers. Furthermore, also power cords for audio devices as well as USB and AV cables from Angelique®Copper provide an audible improvement.



Stranded Single Wire



ACS1050GY

ACS1050BU

ACS1150GY

ACS1150BU

ACS1250GY

ACS1250BU

Ø Conductor [mm]	10 x 0.25	10 x 0.25	30 x 0.25	30 x 0.25	50 x 0.25	50 x 0.25
A Conductor [mm²]	0.5	0.5	1.5	1.5	2.5	2.5
AWG (approx.)	20	20	15-16	15-16	13	13
Conductor	Angelique®Copper	Angelique®Copper	Angelique®Copper	Angelique®Copper	Angelique®Copper	Angelique®Copper
Ø Outer [mm]	1.6 +/- 0.1	1.6 +/- 0.1	3.0 +/- 0.2	3.0 +/- 0.2	3.6 +/- 0.2	3.6 +/- 0.2
Bending radius [mm]	6.5	6.5	12	12	14.5	14.5
Insulation	PVC YI8	PVC YI8	PVC TI1+TI2	PVC TI1+TI2	PVC TI1+TI2	PVC TI1+TI2
R DC [mOhm/m]	35	35	12	12	7	7
U rated [V]	100	100	450	450	450	450
T max. [C°]	90	90	70	70	70	70
Colour	grey	blue	grey	blue	grey	blue
Weight [g/m]	6.2	6.2	19.7	19.7	30.3	30.3

Application Suggestions

Loudspeaker Internal Wiring: Tweeter
 Audio Electronics Internal Wiring
 RCA Cables
 XLR Cables
 Headphone Cabling
 USB Cables

 & more

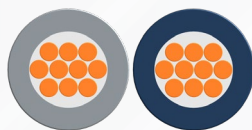
Speaker Cables
 Loudspeaker Internal Wiring: Mid
 Audio Electronics Internal Wiring
 Power Cords

 & more

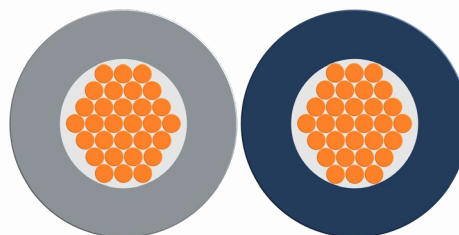
Speaker Cables
 Loudspeaker Internal Wiring: Woofer
 Audio Electronics Internal Wiring
 Power Cords

 & more

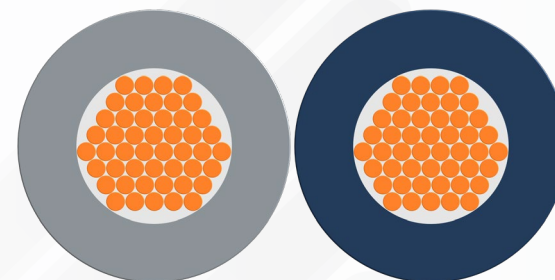
Stranded Twisted Pair Wire



ACS2050GY/BU



ACS2150GY/BU



ACS2250GY/BU

Ø Conductor [mm]	2x 10 x 0.25	2x 30 x 0.25	2x 50 x 0.25
A Conductor [mm²]	2x 0.5	2x 1.5	2x 2.5
AWG (approx.)	2x 20	2x 15-16	2x 13
Conductor	Angelique®Copper	Angelique®Copper	Angelique®Copper
Ø Outer [mm]	2x 1.6 +/- 0.1	2x 3.0 +/- 0.2	2x 3.6 +/- 0.2
Bending radius [mm]	8	14	16
Insulation	PVC YI8	PVC TI1+TI2	PVC TI1+TI2
R DC [mOhm/m]	2x 35	2x 12	2x 7
U rated [V]	100	450	450
T max. [C°]	90	70	70
Colour	grey / blue	grey / blue	grey / blue
Weight [g/m]	12.8	41.4	63.7
Twist Pitch [mm]	25	30	30

Application Suggestions

Loudspeaker Internal Wiring: Tweeter
 Audio Electronics Internal Wiring
 RCA Cables
 XLR Cables
 Headphone Cabling
 USB Cables

 & more

Speaker Cables
 Loudspeaker Internal Wiring: Mid
 Audio Electronics Internal Wiring
 Power Cords

 & more

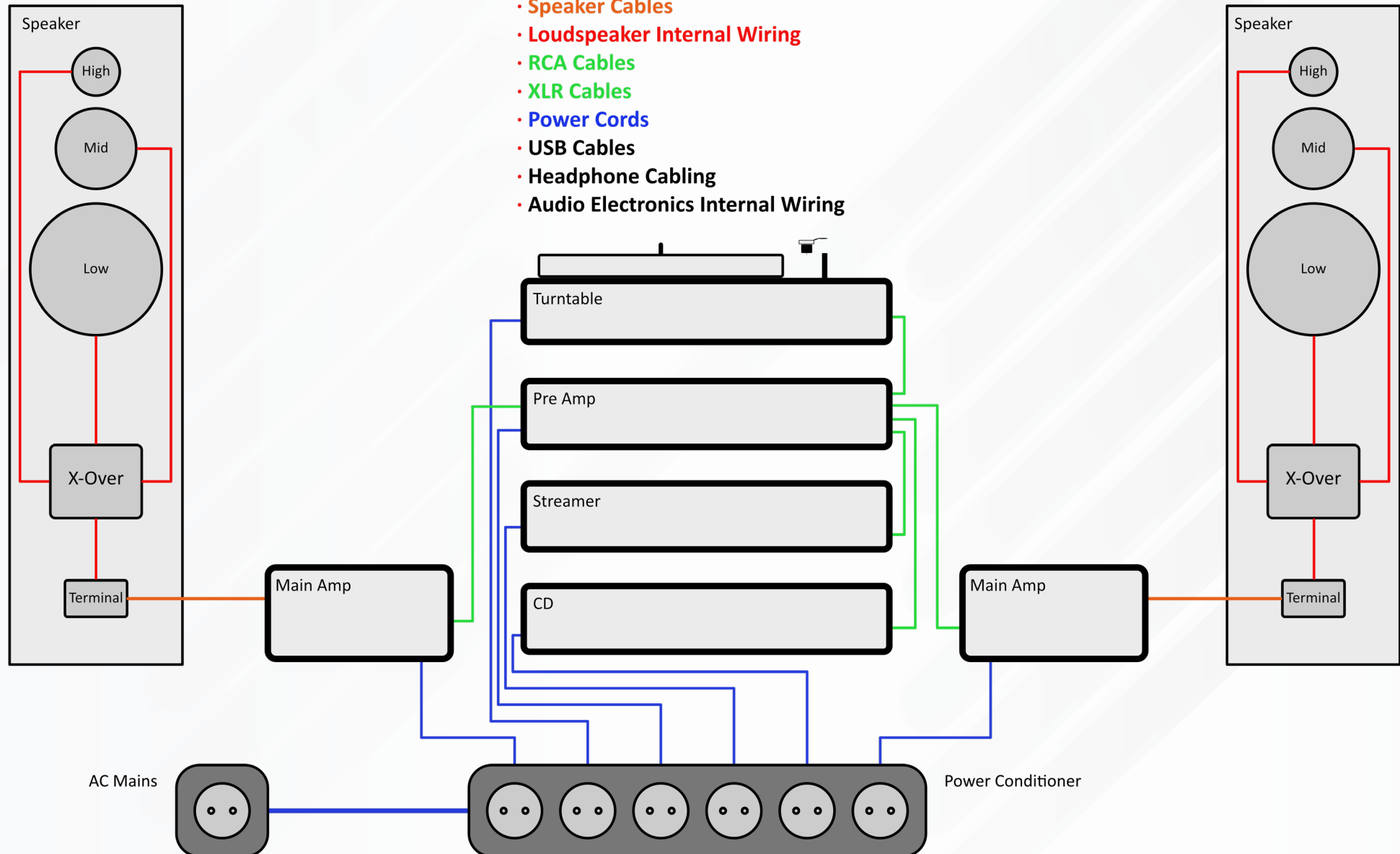
Speaker Cables
 Loudspeaker Internal Wiring: Woofer
 Audio Electronics Internal Wiring
 Power Cords

 & more

Application Suggestions

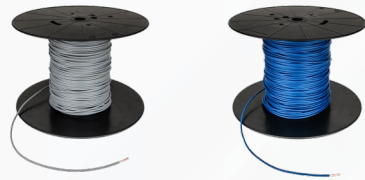
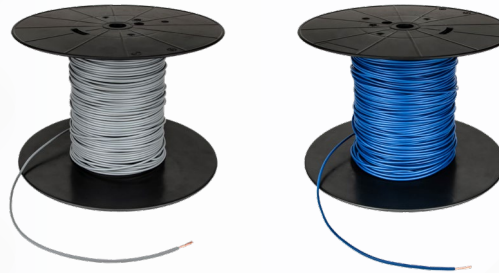
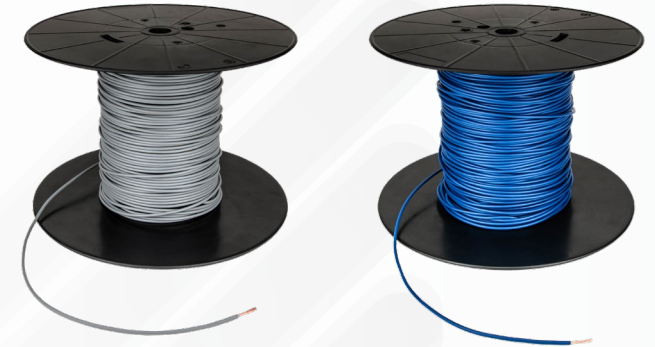
ACS - Angelique® Copper Stranded Wires

- **Speaker Cables**
- **Loudspeaker Internal Wiring**
- **RCA Cables**
- **XLR Cables**
- **Power Cords**
- **USB Cables**
- **Headphone Cabling**
- **Audio Electronics Internal Wiring**



Ex Works Available Packing Units

(Symbol photos)



ACS1050GY	Order Number PU	Length [m]
	ACS1050GY-00.060	60
	ACS1050GY-00.500	500
	ACS1050GY-01.500	1500

ACS1150GY	Order Number PU	Length [m]
	ACS1150GY-00.024	24
	ACS1150GY-00.200	200
	ACS1150GY-00.500	500

ACS1250GY	Order Number PU	Length [m]
	ACS1250GY-00.012	12
	ACS1250GY-00.100	100
	ACS1250GY-00.300	300

ACS1050BU	Order Number PU	Length [m]
	ACS1050BU-00.060	60
	ACS1050BU-00.500	500
	ACS1050BU-01.500	1500

ACS1150BU	Order Number PU	Length [m]
	ACS1150BU-00.024	24
	ACS1150BU-00.200	200
	ACS1150BU-00.500	500

ACS1250BU	Order Number PU	Length [m]
	ACS1250BU-00.012	12
	ACS1250BU-00.100	100
	ACS1250BU-00.300	300



ACS2050GY/BU	Order Number PU	Length [m]
	ACS2050GY/BU-00.060	60
	ACS2050GY/BU-00.500	500
	ACS2050GY/BU-00.750	750

ACS2150GY/BU	Order Number PU	Length [m]
	ACS2150GY/BU-00.024	24
	ACS2150GY/BU-00.200	200
	ACS2150GY/BU-00.250	250

ACS2250GY/BU	Order Number PU	Length [m]
	ACS2250GY/BU-00.012	12
	ACS2250GY/BU-00.100	100
	ACS2250GY/BU-00.150	150