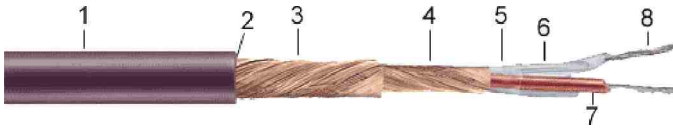




digital

## GAC-2 AES/EBU



Digital Audio signals in the AES/EBU format require an interconnect cable with the correct construction. A mismatch of the impedance, a too small conductor diameter (skin-effect) or an impedance change in a cable run will cause digital errors (jitter) which are causing costly problems on your digital recording.

We have found the stability of the impedance the most critical point on an AES/EBU cable and our solution is the "Star-Quad" twisting of the two conductors with two PE-strands to hold the conductors always in place, even when the cable is being bent. Together with our unique "double Reussen shield" we have the perfect signal cable for AES/EBU Digital Audio without compromises in regard to flexibility and handling.

The GAC-2 AES is a low loss, flexible AES/EBU cable optimized for use with XLR-connectors or installations with long cable runs (>100m).

# 110 Ω

1	Jacket	PVC, ø 6.0 mm, purple
2	Viscose fiber coat	Counter wrapped to the shield
3	Shield No. 1	Bare OF copper wires (0.10 mm), 100% coverage
4	Shield No. 2	Bare OF copper wires (0.10 mm), 100% coverage
5	Stabilisation	PVC foil
6	Cord (2)	"PE", quad twisted with two conductors
7	Insulation	Scum-PE, ø 2.00 mm, white and red
8	Conductor	Stranded tinned OF copper wires, 7x0.25 mm (0.34 mm <sup>2</sup> )

Conductor resistance	< 57.5 Ohm /km
Attenuation at 1 MHz	2 dB /100 m
Capacitance at 800 Hz	< 44 nF /km
Capacitance cond /cond	< 105 nF /km
Insulation resistance	> 10 GOhm /km
Impedance at 1-6 MHz	110 Ohm
Test voltage cond /cond	500 V eff.
Test voltage cond /shield	2000 V eff.
Temperature range (flex)	- 5° to +50° C
Temperature range (fix)	-30° to +70° C

Order No.	Type	ø mm	Colour	Spool Size	Weight /Spool	Shipping Unit
10601	GAC-2 AES	6.0	purple	200 m	10.4 kg	2 x 200 m

## ideal for digital XLR cables