

GAC-2 AES/EBU digital high flex (10601)

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 "starquad" 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).



1	Jacket	PVC, ø 6.0 mm, purple
2	Viscose fiber coat	Counter wrapped to the shields
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	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 copper wires, 7 x 0.25 mm (0.34 mm²)

Conductor resistance	< 60 Ohm /km	Test voltage cond/cond	500 V eff.
Attenuation @ 1 MHz	< 2 db /100m	Test voltage cond/shield	2000 V eff.
Insulation resistance	> 10 GOhm /km	Impedance @ 1-6 MHz	110 Ohms ±2%
Capacitance @ 800 Hz	< 44 nF /km	Temperature range (flex)	- 5° to +50° C
Capacitance cond/cond	< 105 nF /km	Temperature range (fix)	-30° to +70° C

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