

GAC-1 x DMX digital installation (106xx)

Ultraflexible installation cable for DMX digital data. Highly stabilized 110 ohm impedance guaranteed with our unique starquad "Twinax"-construction.

Compact size so that cable will easily fit in almost any connector but still perform excellent electrical specifications.

Similar cable construction is used as an element in in our **GAC-4pair mini AES/EBU**, **GAC-8pair mini AES/EBU** and **GAC-12pair mini AES/EBU** digital multipair cables.

All AES cables are compatible with DMX datastream.

same cable as **FRNC: 10640**



DMX

FRNC = Flame Retardant Non Corrosive = Flame retardant per IEC-332-1 test standard

Layer	Description	Material / Specification
1	Jacket	PVC, \varnothing 3.2 mm, purple, black dark blue >FRNC
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	Cord (2)	"PE", quad twisted with two conductors
6	Insulation	Scum "PE" (foam skin), \varnothing 1.15 mm, white and red
7	Conductor	Stranded tinned copper wires SnCu, 19 x 0.10 mm (0.15 mm ²)

construction

Property	Value	Test Voltage	Efficiency
Conductor resistance	< 115 Ohm /km	Test voltage cond/cond	500 V eff.
Attenuation @ 1 MHz	< 3 db /100m	Test voltage cond/shield	2000 V eff.
Shielding resistance	< 35 Ohm /km	Impedance	110 Ohms \pm 2%
Capacitance	< 50 nF /km	Temperature range (flex)	- 5° to +50° C
		Temperature range (fix)	-30° to +70° C

specifications

Order No.	Type	\varnothing mm	Color	Spool Size	Weight /Spool	Shipping Unit
10630	GAC-1 x DMX 110 Ohm	3.2	black	200 m	5.1 kg	4 x 200 m
10640	GAC-2/mini AES FRNC	3.2	dark blue	200 m	5.1 kg	4 x 200 m

ordering data