

2sd shielding:

- Aluminium / polyester foil
- Coverage : > 100

Conductor:

- Stranded bare copper
- AWG23/7

1er shielding:

- Tinned copper braid
- Coverage: 66 %
- Drain wire: tinned copper

Outer jacket :

- Polyurethane
- Color : black
- Ø nom. : 8.40 mm ± 0.5

Color coding :

- Pair 1 : blue / white - blue
- Pair 2 : orange / white - orange
- Pair 3 : green / white - green
- Pair 4 : brown / white - brown



Applications

- Transmissions of Ethernet, Ethersound, Cobranet, Dante... signals over twisted pair.
- Ideal for all indoor and outdoor on stage-applications.

Electrical properties

- Characteristic impedance: **100 Ω**
- Unbalance capacity max. (p/p at 1 KHz) : **1600 pF/Km**
- Max. linear resistance : **≤ 145 Ω/Km**
- Min insulation resistance : **5 GΩ x Km**
- Attenuation :

F (MHz)	dB/100m
1	2,10
4	3,80
10	5,90
16	7,60
62,5	15,40
100	20,00
200	28,90
250	32,30
500	46,90

Characteristics



- Temperature range: **Fixed: - 30°C → + 80°C**
Dynamic: - 5°C → + 50°C



- Minimum bedding radius: **Fixed: 8 x Ø**
Dynamic : 12 x Ø



- Conform to **RoHS directive**



- Conform to **IEC60332-1 / EN50288-1**



- Conform to **EN 50575 : 2014 + A1 : 2016**
- Classe : **Eca**

Part nb

REF	Number of pairs	[X]xAWG	Outside sheath	mm	
AUDIOLAN6A	4	23/7	Black PUR	8.40 mm	1000 m