

**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
<b>1</b>	<b>2,10</b>
<b>4</b>	<b>3,80</b>
<b>10</b>	<b>5,90</b>
<b>16</b>	<b>7,60</b>
<b>62,5</b>	<b>15,40</b>
<b>100</b>	<b>20,00</b>
<b>200</b>	<b>28,90</b>
<b>250</b>	<b>32,30</b>
<b>500</b>	<b>46,90</b>

## 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	$\varnothing$ mm ext.	
AUDIOLAN6A	4	23/7	Black PUR	8.40 mm	1000 m