

**JA28110** : Digital audio patch cable – 110 Ω

**Conductor :**

- Tinned copper wire
- 7 x 0,20 mm
- 0,22 mm<sup>2</sup> - AWG 24

**Insulation :**

- Polyethylene
- Ø nom. : 1.15 mm
- Color coding : Transparent – Blue

**Shielding :**

- Aluminium / polyester foil
- Coverage : 100 %

**Drain wire :**

- Tinned copper
- 7 x 0,20 mm

**Outer jacket :**

- Blue PVC
- Ø nom. : 3.80 mm
- Numbered 1 to 4

**AUDIOLAN6A** : 4 pairs – 100 Ω – U/FTP – 500 Mhz – Cat.6A

**Conductor:**

- Stranded bare copper
- AWG23/7

**Color coding :**

- Pair 1 : Blue / White -Blue
- Pair 2 : Orange / White -Orange
- Pair 3 : Green / White - Green
- Pair 4 : Brown / White - Brown

**1st shielding :**

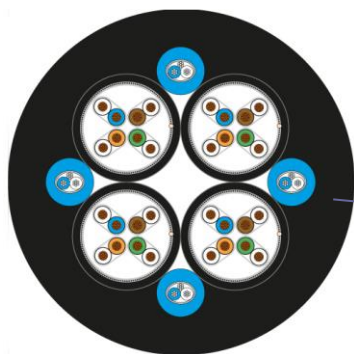
- Aluminium / polyester foil
- Coverage : > 100%

**2sd shielding :**

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

**Outer jacket :**

- PUR
- Color : Black
- Ø nom. : 8.40 mm ± 0.5 mm
- Numbered 1 to 4



**Outer jacket :**

- PUR
- Color : Black
- Ø nom. : 21.00 mm ± 0.5 mm

## Applications

- Transmissions of Ethernet, Ethersound, Cobranet, Dante... signals over twisted pair.
- Ideal for all indoor and outdoor on stage-applications.
- Excellent protection against static and electromagnetic interferences thanks to the double shielding (pair/pair + overall).
- Balanced digital audio links, microphonique links.
- The PUR outer jacket has great tensile and flexural strength, resistance to UV and weather conditions.

## Electrical properties

### AUDIOLAN6A

- Characteristic impedance 1 to 100 MHz : **100 Ω**
- Unbalance capacity max.(p/p à 1 KHz) : **1600 pF/Km**
- Max. lineare resistance: **84 Ω/Km**
- Mini. 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

### JA28110

- Impedance : **110 OHM**
- Capacitance at 1 KHz : **36 pF/m**
- Conductor resistance : **< 86 Ω/km**
- Admissible intensity: **1.5 A**

## Characteristics



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



- Mini. Bending radius : **100 mm**






- Conform to **RoHS** directive



- According to **IEC60332-1 / EN50288-1** standards

## Part nb

	Outer jacket		
4AUDIOLAN6AD	Black PUR	21.00 mm	1000 m