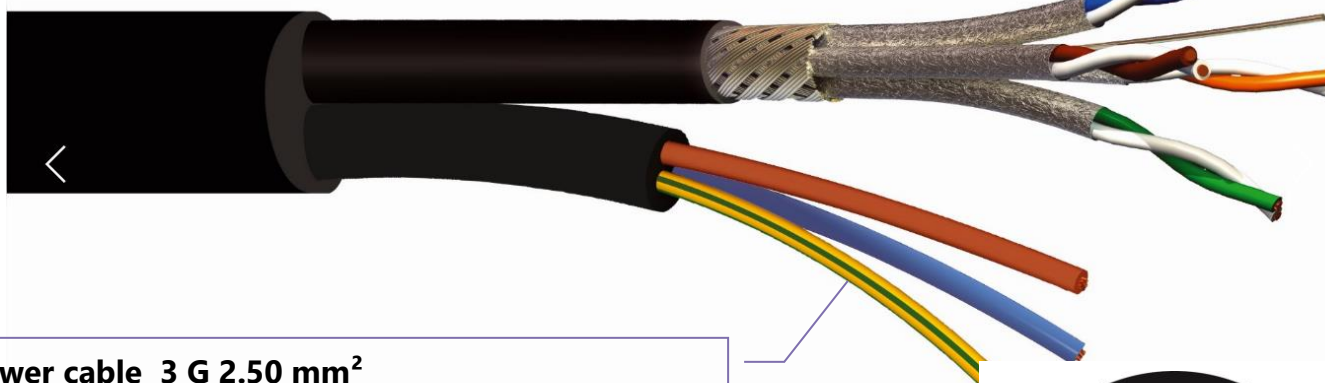


AUDIOLAN6A cable

4 pairs - 100 Ω - SF/FTP – Cat. 6A - 500 MHz

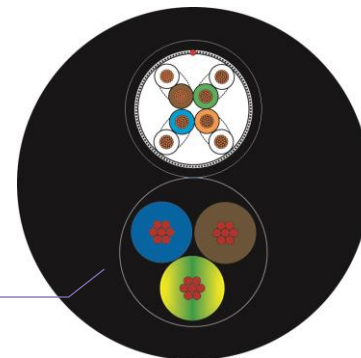
- Conductor : stranded core bare copper – AWG23/7
- Color coding of pairs : according to EIA / TIA standards
 - Pair 1 : Blue / White - Blue
 - Pair 2 : Orange / White - Orange
 - Pair 3 : Green / White - Green
 - Pair 4 : Brown / White - Brown
- 1st shielding : Aluminium / polyester foil - Coverage : > 100%
- 2^{sd} shielding : Tinned copper braid - Coverage : 66%
- Outer jacket : black PUR - Ø nom. : 8.40 mm ± 0.5 mm



Power cable 3 G 2.50 mm²

- Conductor : 2.50 mm² - Classe 5
- Insulation : PVC – Ø 3.60 mm
- Colors coding : Blue, brown, green / yellow
- Outer jacket : black PVC – Ø 9.10 mm

Outer jacket : black PUR - Ø 22.00 mm - +/- 0.20 mm



Applications

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

Electrical properties

AUDIOLAN6A :

- 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

3G2.50 mm² Power Cable :

- Operating voltage max. : **250 V**
- Electrical linear resistance at 20°C: **≥ 20 MΩ.km**
- Insulation resistance at 20°C: **7.50 Ω/km**

Characteristics



- Temperature range: - **20°C** → + **70°C**



- Bending radius : **8 x Ø**







- Conform to **RoHS** directive



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

Part nb

	Outer jacket			
AUDIOLAN6AW	Black PUR	22.00 mm	1000 m	455.00