

**AES/ EBU digital wiring cable**

- 0.22 mm² conductor cross section
- 110 Ohm characteristic impedance
- AL foil shield
- flame retardant and non corrosive (FRNC)
- CPR class Eca

FRNC

Eca

The most frequent applications for this balanced cable are wiring of digital equipment and patch boards for professional audio engineering. The characteristic impedance of 110 ohm makes it suitable for digital symmetrical sound transmission according to the AES3 standard as well as the transmission of DMX signals. The use of foam polyethylene for core insulation results in a very compact outside diameter.

construction

| | |
|---------------------|---|
| cond. construction | stranded tinned copper, 7 x 0.20 mm |
| cond. cross section | 0.22 mm ² |
| insulation | Foam-Skin PE |
| shielding | tinned stranded drain wire + AL/PETP foil |
| overall diameter | 4.2 mm |

mechanics

| | |
|---------------------|---------------------|
| min. bending radius | 25 mm |
| working temperature | -30°C / +70°C |
| flame retardancy | acc. to IEC 60332-1 |
| halogen-free | acc. to IEC 60754-2 |

electric

| | |
|--------------------------|--------------|
| conductor resistance | < 85 Ω/km |
| capacitance | |
| cond./cond. | 47 pF/m |
| characteristic impedance | 110 Ω |
| attenuation [dB/100m] | |
| 1 MHz | 2.3 |
| 3 MHz | 3.9 |
| 10 MHz | 6.9 |
| insulation resistance | > 10 GΩ x km |
| test voltage | |
| cond./cond. | 1200 V |
| cond./shield | 500 V |

| order code | colour | weight kg | standard lengths m |
|------------|--------|--------------|----------------------------|
| OTW204H | black | 0.02 | 50 / 100 / 200 / 300 / 500 |