

**OminiTRANS mobile AES/EBU (DMX) cable****2x 0.22 mm² - PVC**

- 0.22 mm² conductor cross section (AWG 24)
- 110 Ohm characteristic impedance
- double shielded (AL/PET foil + braid)
- robust jacket, Ø 6.0 mm

PVC

The sturdy digital 110 ohm cable for the transmission of digital AES/EBU audio signals and digital DMX light control signals. The benefits of this cable are its very low capacitance and attenuation constant as well as extremely dense shielding: the requirements for interference-free connection over long distances. The sapphire blue colour permits fast signal identification in confusing cable bundles.

design

| | |
|---------------------|---|
| cond. construction | stranded tinned copper, 7x 0.20 mm (AWG 24/7) |
| cond. cross section | 0.22 mm ² |
| insulation | foam-skin PE |
| shielding | AL/PET foil + tinned stranded drain wire + tinned copper braid (coverage 85%) |
| outer jacket | PVC, matt |
| overall diameter | 6.0 mm |

mechanical & thermal characteristics

| | |
|-------------------------|--|
| operating temperature | -25°C / +70°C |
| min. bending radius | |
| installed | 5x overall diameter |
| mobile use | 10x overall diameter |
| no hazardous substances | acc. to EU directive RoHS 2011/65/EU from 08.06.2011 |
| CE conformity | acc. to EU directive LVD 2006/95/EG |
| flame retardancy | acc. to IEC 60332-1-2 |
| heat of combustion | 632 kWh/km |

electric

| | |
|----------------------------|--------------|
| conductor resistance | < 85 Ω/km |
| capacitance | |
| cond./cond. | 47 pF/m |
| characteristic impedance | 110 Ω |
| nom. attenuation [dB/100m] | |
| 1 MHz | < 2.7 |
| 3 MHz | < 4.3 |
| 10 MHz | < 7.3 |
| insulation resistance | > 50 GΩ x km |
| test voltage | |
| cond./cond. | 1200 V |
| cond./shield | 500 V |

| order code | outer jacket | outer Ø mm | cable color | weight kg/m | standard lengths m |
|------------|--------------|---------------|-------------|----------------|----------------------------|
| OT206YB | PVC | 6.0 | dark blue | 0,04 | 50 / 100 / 200 / 300 / 500 |
| OT206YS | PVC | 6.0 | black | 0,04 | 50 / 100 / 200 / 300 / 500 |

technical specifications are subject to change