

## DMX-100 STANDARD

Dmx cable 110Ω 2x0,25mm<sup>2</sup> OFC Twinax PVC



Professional dmx cable with single pair, screened mesh braid and aluminum foil with grounding cable. Cable in a flexible PVC jacket that reduces light reflection effects. Dedicated to fixed and mobile applications in stage and studio, multimedia and lighting installations, digital communication and control systems.

### Cable construction:

- **Cores:** tinned copper stranded 2x0,25mm<sup>2</sup>
- **Shield:** tinned copper stranded (mesh braid - coverage  $\geq 85\%$ ) and aluminum foil with grounding strand
- **Filling:** -
- **Core insulation:** PE - white, red
- **Jacket insulation:** PVC - black

### Technical data:

- **Working temperature:** -25°C do 65°C (fixed installations) / -5°C do 65°C (mobile installations)
- **Minimum laying temperature:** -5°C
- **Capacity (1kHz):** conductor-shield:  $\leq 115\text{nF/km}$  / conductor-conductor:  $\leq 60\text{nF/km}$
- **Impedance:** 110Ω  $\pm 10\Omega$
- **Conductor resistance:** 79,0Ω/km DC
- **Shield resistance:** 15,6Ω/km DC
- **Insulation resistance:**  $> 1,0\text{G}\Omega/\text{km}$
- **Minimum bending radius:** 30mm - 5x $\varnothing$  ( $\varnothing$  - outside diameter)
- **Outside diameter:** approximately 6,0mm
- **Weight:** approximately 48kg/km