

PM-100 STANDARD**Hybrid cable PA (3x1,5mm², 2x0,23mm²) PVC**

Professional hybrid cable with power and audio section. Each section in a separate internal insulation with individual screen. This solution allows to provide 110V or 230V mains power and transmit audio signals through a symmetrical signal path using one cable. Cable in PVC jacket that reduces light reflection effects. Dedicated to fixed and mobile applications in stage and studio sound systems.

Specification (power section):

- **Cores:** copper stranded 3x1,5mm²
- **Screen:** aluminum foil with a grounding cable
- **Filling:** -
- **Core insulation:** PE - brown, blue, yellow-green
- **Outer jacket insulation:** PVC - black
- **Core resistance:** 13,3Ω/km DC
- **Insulation resistance:** >20,0MΩ/km
- **High voltage test:** 2kV AC

Specification (audio section):

- **Cores:** copper stranded 2x0,23mm²
- **Screen:** copper stranded (mesh braid - covering ≥90%)
- **Filling:** cotton material
- **Core insulation:** PE - transparent, red
- **Outer jacket insulation:** PVC - black
- **Core resistance / Impedance:** 71,5Ω/km DC / 85Ω ±5Ω
- **Insulation resistance:** >1,0GΩ/km
- **Capacity (1kHz):** conductor-shield: ≤130nF/km / conductor-conductor: ≤63nF/km

Technical data:

- **Working temperature:** -25°C to 65°C (fixed installations) / -5°C to 65°C (mobile installations)
- **Minimum laying temperature:** -5°C
- **Minimum bending radius:** 75mm - 5x∅ (∅ - outside diameter)
- **Outside diameter:** approximately 14,5mm
- **Weight:** approximately 242kg/km