MPAES4

# MPAES4 - Digital Audio - 4 pairs: Service

## DESCRIPTION

Digital Audio Multipair - 4 pairs - 0.22 mm² - Black PVC sheath

## ADVANTAGES

- Compliant with AES / EBU standards - 110 ohm
- 0.22mm² section ensuring full and faithful signal transmission
- Individual pair shielding by braiding guaranteeing flexibility and suppleness
- Quick installation during services

Updated: 26/06/2026

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| CONSTRUCTION & TECHNICAL PERFORMANCE | |
|---|---|
| Product Type | MPAESxx |
| Construction (mm²) | 4 x 2 x 0,22 mm² |
| Conductor material | Bare copper |
| Conductor cross-section | 0,22 mm² |
| Core gauge | AWG24 |
| Core composition | Multi-stranded |
| Insulation Material | Foam PE |
| Insulation Identification Method | White, Blue |
| Assembly type | Pairs |
| Inner Sheath Material | PVC |
| Outer Sheath Material | PVC |
| Color | Black |
| Nom. diameter of the outer sheath (mm) | 11.00 |
| Individual Shielding | Red copper shield |
| Weight (Kg/Km) | 278000 |
| **ELECTRICAL CHARACTERISTICS** | |
| Service Voltage (V) | 300 V |
| Minimum insulation resistance | >10000 |
| **TRANSMISSION CHARACTERISTICS** | |
| Characteristic Impedance (Ohms) | 110 Ohms |
| Conductor/Shield Capacitance | 150 nF/km |
| Conductor/Conductor Capacitance | 46 nF/km |
| **MECHANICAL CHARACTERISTICS** | |
| Bending Radius in Fixed Installation | 5 x Ø ext |
| Bending Radius in Mobile Installation | 10 x Ø ext |
| **ENVIRONMENTAL CHARACTERISTIC** | |
| Fire behaviour | IEC 60332-1 |
| Fixed Use Temperature | -30°C / +70°C |
| Mobile Use Temperature | -20°C / +70°C |
| **ADDITIONAL INFORMATION** | |
| Product Packaging | Drum of 1000m |

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