

ETH-107 STANDARD

Data cable SFTP Cat.7 600MHz 4x2x0,18mm² EC Mobile PVC



Professional category 7 data cable with four pairs in a mesh screen. Cable in a flexible PVC jacket that reduces light reflection effects. Dedicated to fixed and mobile applications in stage, studio and industrial multimedia, sound, television, lighting installations, computer networks, digital communication and control systems.

Cable construction:

- **Cores:** tinned copper stranded 4x2x0,18mm²
- **Shield:** tinned copper stranded (mesh braid - coverage $\geq 100\%$) and aluminum foil
- **Filling:** -
- **Core insulation:** PE - w/orange, w/green, w/blue, w/brown
- **Jacket insulation:** PVC - black

Technical data:

- **Working temperature:** -25°C to 65°C (fixed installations) / -5°C to 50°C (mobile installations)
- **Minimum laying temperature:** -5°C
- **Capacity (1kHz):** conductor-shield: $\leq 82\text{nF/km}$ / conductor-conductor: $\leq 54\text{nF/km}$
- **Impedance:** $100\Omega \pm 5\Omega$ 100MHz
- **Conductor resistance:** 220,0 Ω /km DC
- **Shield resistance:** 18,0 Ω /km DC
- **Insulation resistance:** $> 1,0\text{G}\Omega/\text{km}$
- **Minimum bending radius:** 65mm - 8x $\varnothing$ ($\varnothing$ - outside diameter)
- **Outside diameter:** approximately 7,6mm
- **Weight:** approximately 64kg/km