

ETH-106 STANDARD

Data cable SUTP Cat.6 250MHz 4x2x0,18mm² EC Mobile PVC



Professional category 6 data cable with four pairs in a mesh screen. Cable with stabilizing material filling 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 $\geq 80\%$)
- **Filling:** cross stabilizer, internal jacket
- **Core insulation:** PE - w/orange, w/green, w/blue, w/brown
- **Jacket insulation:** PVC - black

Technical data:

- **Working temperature:** -25°C do 65°C (fixed installations) / -5°C do 50°C (mobile installations)
- **Minimum laying temperature:** -5°C
- **Capacity (1kHz):** conductor-shield: $\leq 85\text{nF/km}$ / conductor-conductor: $\leq 65\text{nF/km}$
- **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 7,9mm
- **Weight:** approximately 72kg/km