



ENGLISH

Datasheet

RS Stock No: 7755019

RS Pro Black 1 Pair Installation Cable, Tinned Copper Braid 6.35mm OD 23 600 V



Specifications

A: Electrical Characteristics

- Maximum Conductor DC Resistance at 20°C (Ω/Km): <61.8
- Minimum Insulation DC Resistance at 20°C ($\text{M}\Omega \cdot \text{Km}$): >200
- Rated Temperature (°C): -20 to 80
- Rated Voltage (V): 600 V Rms
- Capacitance core to core (Pf/m): 58.6 Nom
- Capacitance to Ground (Pf/m): 104.8 Nom
- Characteristic Impedance: 86 Ohms
- Inductance: 0.72 $\mu\text{H}/\text{m}$



ENGLISH

Cable Construction

- **Conductor: Bare Copper**
- Construction: 0.08 x 60
- Standard Diameter (mm): 0.71

- **Insulation: PE**
- Thickness: 0.52
- Insulation Diameter (mm): $1.75 \pm 0.05 \times 2C$
- Insulation Colour: According to Customer

- **Paper Tape: $\geq 115\%$**

- **Braiding: Tinned Copper**
- Construction: T0.12 x 144 (95%)

- **Jacket: PVC**
- Thickness (mm): 1.2
- Diameter ($\pm 0.15\text{mm}$): 6.35
- Jacket Colour: Black

Marking

1 Pair 23 AWG #4144 PVC