



MPN: BW8-0-WHI100

Product Name: IBELL 2-Core PVC Copper Clad Aluminium Bell Wire 6mm × 100m White

Brand: Commodity Cables

Category: Steel Wire Armoured (SWA)

Product Description: Low voltage wire for interior residential applications with PVC sheath. Used primarily to link up doorbell circuits, it facilitates the doorbell's function and powers entire networks of doorbells. It can also be used to link up loudspeakers.

Key Features:

- Cable Size: 6mm²
- Number of cores: 2
- CPR Compliant
- BASEC-Approved
- Material: PVC

Specifications:

- Conductor: Copper Clad Aluminium
- Conductor Diameter (mm): 0.50 ± 0.01
- Insulation Thickness (mm): 0.51 ± 0.01
- Insulation Diameter (mm): $1.60 \pm 0.15 \times 3.20 \pm 0.15$
- Insulation Colour(s): White RAL 9003 (1 Core marked with Black stripe)
- Sheath Printing: None
- Reaction to Fire: Fca
- Max Conductor DC resistance @ 20°C: $<193\Omega/\text{km}$
- Rated Temperature (°C): -20°C to 80°C
- Rated Voltage (V): 30V
- Insulation Resistance @20°C: $>200\text{M}\Omega/\text{km}$

ETIM Class-9.0: Data and communication cable (EC003249)

ETIM Features:

- Number of cores:2
- Core insulation material: Polyvinyl chloride (PVC) (EV000163)
- Core identification: Colour (EV000207)
- Sheath material: Polyvinyl chloride (PVC) (EV000163)
- Sheath colour: White (EV000202)
- Outer diameter approx. (mm):6

Applications:

- Doorbell Systems: Connects doorbell push buttons to chimes or buzzers.
- Intercom Systems: Links intercom units within buildings.
- Security Systems: Wires security alarms, sensors, and control panels.
- Low Voltage Lighting: Powers garden and decorative lights.
- Thermostat Wiring: Connects thermostats to HVAC systems.
- General Low Voltage Applications: Suitable for various low voltage uses, both indoor and outdoor.

Standards:

- EN 50575



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