# Voice Cables APAC

**VOICE U/UTP 25 PAIR AWG24 CAT 3 PE 1000M REEL**

**Aginode Ref:** N100.837N

- Unshielded Cat 3 cable
- 25 pairs
- Suitable for voice and low grade data applications in LAN infrastructure
- Black PE outer sheath

Voice grade cables are used to integrate telephony applications in the backbone of a LAN infrastructure. They are multipair twisted pair cables and exist in Category 3, Category 5 and Category 5e performance levels.



## STANDARDS

ANSI/TIA-568-C.2
ISO/IEC 11801

*All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Aginode is indicative only and shall not be binding on Aginode or be treated as constituting a representation on the part of Aginode.*

# Voice U/UTP 25 pair AWG24 Cat 3 PE 1000m reel

## Characteristics

| | |
|---|---|
| **Construction characteristics** | |
| Screen | No |
| Outer sheath | PE |
| Sheath colour | Black |
| Insulating material | PE |
| Type of cable | U/UTP |
| Conductor material | Bare copper |
| **Dimensional characteristics** | |
| Number of pairs | 25 |
| Conductor cross-section (AWG/KCMIL) | 24 |
| Nominal outer diameter (mm) | 11.4 mm |
| **Electrical characteristics** | |
| Mutual capacitance | 66 nF/km |
| Characteristic impedance | 100 Ohm |
| **Mechanical characteristics** | |
| Maximum pulling force (IEC 60794-1-2-E1) | 400 N |
| **Transmission characteristics** | |
| Attenuation at 16 MHz | 13.1 dB/100m |
| Attenuation at 1 Mhz | 2.6 dB/100m |
| **Usage characteristics** | |
| Operating temperature, range | -15...60 °C |
| Minimum dynamic operating bending radius | 115.0 mm |
| Category | Cat. 3 |
| Flame retardant | No |
| Ambient installation temperature, range | 0...50 °C |

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