

# 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

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

## Eigenschaften

### Konstruktionsmerkmale

|                    |               |
|--------------------|---------------|
| Schirm             | Nein          |
| Außenmantel        | PE            |
| Mantelfarbe        | Schwarz       |
| Isolationsmaterial | PE            |
| Kabeltype          | U/UTP         |
| Leitermaterial     | Kupfer, blank |

### Abmessungsmerkmale

|                        |         |
|------------------------|---------|
| Anzahl Paare           | 25      |
| Abmessung (AWG)        | 24      |
| Außendurchmesser, nom. | 11.4 mm |

### Elektrische Eigenschaften

|                   |          |
|-------------------|----------|
| Betriebskapazität | 66 nF/km |
| Wellenwiderstand  | 100 Ohm  |

### Mechanische Eigenschaften

|                                  |       |
|----------------------------------|-------|
| Max. Zugkraft (IEC 60794-1-2-E1) | 400 N |
|----------------------------------|-------|

### Übertragungseigenschaften

|                       |              |
|-----------------------|--------------|
| Attenuation at 16 MHz | 13.1 dB/100m |
| Dämpfung bei 1 MHz    | 2.6 dB/100m  |

### Anwendungsmerkmale

|  |             |
|--|-------------|
| Betriebstemperatur                               | -15...60 °C |
| Dynamischer Mindestbiegeradius während Anwendung | 115.0 mm    |
| Kategorie  | Cat. 3      |
| Flammwidrig                                      | Nein        |
| Umgebungstemperatur bei Verlegung, Bereich       | 0...50 °C   |

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