Voice Cables APAC

VOICE U/UTP 50 PAIR AWG24 CAT 3 PE 1000M REEL

Aginode Ref: N100.838N

- Unshielded Cat 3 cable
- 50 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.

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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	50
Conductor cross-section (AWG/KCMIL)	24
Nominal outer diameter (mm)	17.0 mm
Electrical characteristics	
Mutual capacitance	66 nF/km
Characteristic impedance	100 Ohm
Mechanical characteristics	
Maximum pulling force (IEC 60794-1-2-E1)	800 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	170.0 mm
Category	Cat. 3
Flame retardant	No
Ambient installation temperature, range	0...50 °C

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