

Voice Cables APAC

VOICE U/UTP 100 PAIR 24 AWG CAT 3 LSZH ORANGE REEL

Aginode Ref: N100.819N

- Unshielded Cat 3 cable
- 100 pairs
- Suitable for voice and low grade data applications in LAN infrastructure
- LSZH 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 100 pair 24 AWG Cat 3 LSZH Orange Reel

Characteristics

Construction characteristics

Screen	No
Outer sheath	LSZH
Sheath colour	Orange
Insulating material	PE
Type of cable	U/UTP
Conductor material	Bare copper

Dimensional characteristics

Number of pairs	100
Conductor cross-section (AWG/KCMIL)	24
Nominal outer diameter (mm)	22.5 mm

Electrical characteristics

Mutual capacitance	66 nF/km
Characteristic impedance	100 Ohm

Mechanical characteristics

Maximum pulling force (IEC 60794-1-2-E1)	1200 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	225.0 mm
Category	Cat. 3
Flame retardant	IEC 60332-1
Ambient installation temperature, range	0...50 °C

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.