



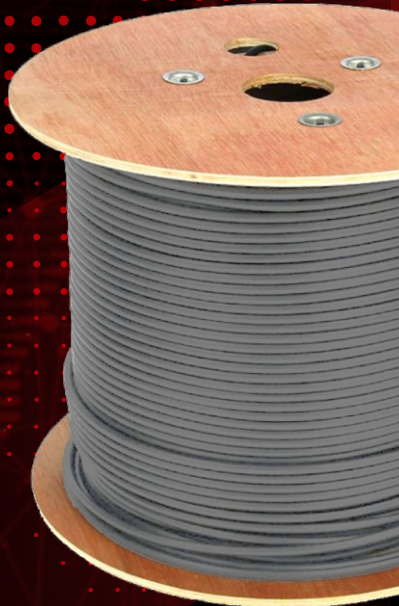
UUTP-4P-C6-A23S-PVC

6
cat

AWG
23

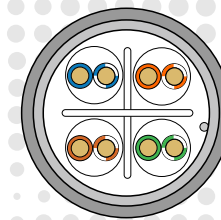
4
pairs

IEC
60332-1



A Category 6 twisted pair cable, also known as a LAN or Ethernet data cable, is a copper wire cable twisted into several pairs and coated, which can support data transfer speeds of up to 1 gigabit (1000 megabits). This higher bandwidth enables fast transfer of large files on the network.

HIGHEST QUALITY - RELIABILITY - INNOVATION



Cat. 6 U/UTP AWG23/1 installation cable, 4 pairs, PVC, IEC-60332-1

Structure

Conductor	Cross Sec. Area	0.26 mm ² , Ø 0.56 mm
	No. of Cores	1 cores
	Material	OFC
	Type of conductor	Solid
	Strands	1/0.56 mm
Insulation	Material	PE
	Diameter	1.0 ±0.1 mm
Twisting	2 cores twisted to the pair	
Cable lay up	4 pairs to the core	
Separator	non metallic cross separator (spline)	
Jacket	Material	PVC, IEC 60332-1
	Diameter	6.2 ±0.2 mm
	Color	Grey, RAL7001

Electrical properties

DC loop Resistance	≤ 154 Ω/km
Insulation resistance	≥ 5000 MΩ/km
Test voltage	1000 V
Capacitance unbalance (pair to ground)	≤ 1500 pF/km
Velocity of propagation	approx. 67%
Characteristic impedance	110 Ω ± 10%
Resistance unbalance	≤ 2%
Mean impedance 100 MHz	100 ± 5Ω
Propagation delay	535 ns/100m
Delay skew	20 ns/100m
Coupling attenuation	≥ 40dB

Mechanical properties

Bending radius	installed	4xD
	installation	8xD
Temperature range	-20°C to +60°C	