

Datasheet LAN 200U (UTP)

Version 1/2009

Data Transmission Cable for Local Networks, Unscreened, Category 5

Application:

In the horizontal wiring as an installation cable for the transfer in cable canals as well as in pipes within telecommunication installations and data systems.
Area of application: IEEE 802.3:10 Base T, 10 Base T Ethernet, 100 Base T, 1000 Base T, FDDI, ISDA, ATM



Construction:

- 1 solid bare copper
- 2 core insulation of polyvinylchloride (PVC)
- 3 outer sheath of polyvinylchloride (PVC), grey

According to:

Category 5
TIA/EIA 568 B
ISO/IEC 11801 2. output
EN 50173-1
IEC 708-1 (core identification)

Technical data:

Temperature range	moved		0 °C till +60 °C	Bending radius	under tension	8,0 x Ø
Loop impedance		[Ohm/100m]	19,0	Bending radius	no tension	4,0 x Ø
Capacity	max.	[nF/km]	50			
Nom. Velocity of propagation	NVP nom.		77,0			
Attenuation	1-100 MHz	[Ohm]	100,0			
Capacity coupling (f=800 Hz)	K<100	[pF/100m]	150			
Insulation resistance		[GOhm/km]	5			

Number of pairs and nominal dimensions AWG Nr.	Copper figure kg/km	Overall diameter appr.mm	Calorific potential kWh / m	Tensile force N	Weight appr. kg / km
4 x 2 x AWG 24	17,7	4,9	0,10	80	26