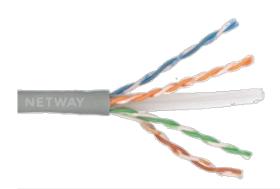# N4PS2037B   Indoor Solid Copper CAT6 UTP Cable

NETWAY™

Product's Highlights

- Indoor, 23AWG Bare Solid Copper, Unshielded Type
- Support up to 10/100/1000BaseT Gigabit Ethernet
- Voice, Fast Ethernet (IEEE 802.3u), 100Vg-Any LAN (IEEE 802.12), Token Ring (IEEE 802.5), TP-PMD (ANSI X3T9.5), 100 Base-T Ethernet (IEEE 802.5), 155/622 Mbps 1.2/2.4 Gbps ATM, 1000Base-T Ethernet and 550 Mhz Broadband Video
- Widely use for Structure Cabling, Networking, Security IP CCTV, IPTV, Telephone and etc

Description

Netway N4PS2037B was Category 6 UTP cable (Cat 6) or 4 twisted pair cable for carrying signals, it was built using 23 AWG bare solid copper, HDPE insulated and comply to Categories 6 telecommunication standard. The cable standard provides performance of up to 250 MHz and is suitable for 10BASE-T, 100BASE-TX (Fast Ethernet), and 1000BASE-T (Gigabit Ethernet).

Technical Specifications

Description	
Conductor	23 AWG Bare Solid Copper
Insulation	HDPE
Ripcord	Under Jacket (for bare solid copper)
Jacket	FRPVC
Telecommunications Standards	Category 6 TIA/EIA-568B.2-1, ISO/IEC 11801 Class E
Physical Dimensions	
Outer Jacket Diameter	7.239mm Nominal
Max Recommended Pulling Tension	25 lb
Min Bend Radius (Install)	3 inch / 76.2mm
Mechanical Characteristics	
Storage Temperature Range	-20°C To +75°C
Installation Temperature Range	0°C To +60°C
Operating Temperature Range	-20°C To +60°C
Electrical Characteristics	
Impendance	100+/- 15 ohms
Mutual Capacitance	Max. nf/1000ft: 5.6
DC Resistance	Max. Ohms/1000ft: 9.38
Capacitance Unbalance	330pf/100m Max (Pair to Ground)
Normal Velocity of Propagation	Non Plenum Insulated 66%

Attenuation				
Frequency (MHz)	Attenuation Max (dB/100M)	NEXT (dB/100M)	Powersum Min (dB/100M)	EFLEXT (dB/100M)
1	2.0	74.3	72.3	67.0
4	3.8	65.3	63.3	55.0
10	6.0	59.3	57.3	46.8
16	7.6	56.2	54.2	42.7
20	8.5	54.8	52.8	40.8
31.25	10.7	51.9	49.9	36.9
62.5	15.5	47.4	45.4	30.9
100	19.9	44.3	42.3	26.8
200	28.2	39.8	37.8	20.8
250	32.6	38.3	36.3	18.8
350	39.5	NS	37.1	17.9
400	42.7	NS	36.3	16.8

Applications

- Structure Cabling, Networking
- Security IP CCTV, Access, Telephone and etc

Ordering Information

Indoor Type 4 Pairs CAT6 Solid Copper UTP Cable, 305 meters per drum
Order Info: NETWAY N4PS2037B

Other Related Product

Indoor 4 Pairs CAT5e Solid Copper UTP Cable, 305 meters per drum
Order Info: NETWAY N4PS2037A

Outdoor PE Jacketed 4 Pairs CAT5e UTP Cable, Double Jacketed, 305 meters per drum
Order Info: NETWAY N4PS2233U2

Outdoor PE Jacketed 4 Pairs CAT6 Solid Copper UTP Cable, Double Jacketed, 305 meters per drum
Order Info: NETWAY N4PS2037U2

CAT. 5E keystone Modular Jack
Order Info: NETWAY NV42007A

12 ports CAT5E UTP Patch Panel, 110 Block IDC, 10"
Order Info: NETWAY N2106A

24 ports blank panel with rear cable management
Order Info: NETWAY NV42040A

CAT5E UTP Flat cable Patch Cord, Multi-Color and Length (Factory Terminated)
Order Info: NETWAY N2317A-(xx)-(yy)
xx: Color of Jacket   GY = Gray   WH = White
yy: Cable length   05= 5 meter   10 = 1 meter