



CAT5e PVC

Part Number

NVL-UTP-PVC-5E

Description

1.0-100.0MHz Impedance(ohms)
1.0-100.0MHz Impedance delay screw(ns/100m)
Pair to Ground Capacitance Unbalance (PF/100m)
Conductor DC resistance 20%(ohms/km)
Resistance Unbalance(%)
Test object
Test Material
Before Tensile strength(Mpa)
Aging Elongation (%)
Aging condition(C x hrs)
After Tensile strength(Mpa)
Aging Elongation(%)
Cold bend(-20±2°Cx24 hrs)

Electrical Performance (At 100MHz)

100±15
<45
330Max
<9.38
5
jacket
PVC
≥13.8
≥100
100x240
≥85% of unaged
≥50% of nagged
No crack

CABLE DATA

Conductor	solid bare copper
AWG	24
Conductor Dia(mm) ±0.01-0.02mm	0.51
Insulation	PE
Average thickness(±0.03mm)	0.20
Min point thickness:	0.17
Insulation Dia(±0.03mm)	0.91
Twisting lay length(mm)	30 underneath
Cabling lay length (mm)	200 underneath
Jacket	PVC
Average thickness	0.5
Min point thickness	0.43
Outer Diameter (± 1.0mm)	5.1
Outer Jacket Diameter	8.3 mm ± 0.2 mm
Rip cord	YES
Weight Nom(kg/km)	32
Core color:	Blue-white/blue Orange-white/orange Green-white/orange Brown-white/brown
Sheath Color	PVC: Red

APPLICATIONS

- Standard Weather Proof
 - **Waterproof
 - Excellent capability to withstand earthquake, pressure, stretch, strong and durable.
 - Excellent capability to adapt to natural conditions
 - It can be operate smoothly in varying temperatures from -40°C ~ +65°C,
 - ** -40°C ~ +80°C.
 - Sealing performance: The splice case and sealing packing
 - Can be opened and reused for more than 100 times
- This 4-pair Category 5e cable is tested for power Sum NEXT, ELFEXT, Delay Skew. Propagation Delay and any other criteria as specified in the emerging standard. Applications can include Voice, ISDN, ATM 155 and 622Mbps, 100Mbps TPDDI, Fast and Gigabit Ethernet, Shielding protects against EMI/RFI interference