



CAT6 PVC

Part Number

NVL-UTP-PVC-06

Description

1.0-250.0MHz Impedance(ohms)
 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 250MHz)

100±15
 <45
 330Max
 <73.2
 5
 jacket
 PVC
 ≥13.8
 ≥100
 100x240
 ≥85
 ≥50
 No crack

CABLE DATA

Conductor	solid bare copper
AWG	23
Conductor Dia(mm) ±0.01-0.02mm	0.57
Insulation	PE
Average thickness(±0.03mm)	0.22
Min point thickness:	0.18
Insulation Dia(±0.03mm)	1.02
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)	6.0
Outer Jacket Diameter	8.3 mm ± 0.2 mm
Rip cord	YES
Weight Nom(kg/km)	42
Core color:	Blue-white/blue Orange-white/orange Green-white/orange Brown-white/brown
Sheath Color	PVC: Navy Blue

APPLICATIONS

POTS.T1&T1 fractional,ISDN
 Basic&primary Rate.4/16 Mbps Token
 Ring(IEEE802.5),10BAST-T(IEEE 802.3),100Mbps
 TP-PMD.52/155Mbps
 ATM(ATM Forum), 100BAST-T4(fast Ethernet),
 100 VG-AnyLAN
 (IEEE802.12),100 BAST-T(Fast Ethernet),1 Gbps
 Ethernet(IEEE 802.3)