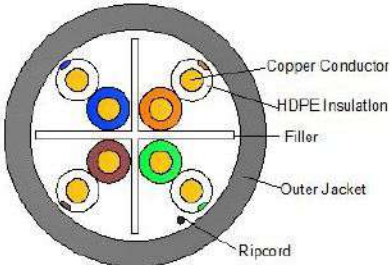


CAT6 U/UTP SPECIFICATION

Description: Product Description: 4P U/UTP CAT6 23AWG PVC LAN CABLE Reference standard: ANSI/TIA-568.2-D & ISO/IEC 11801 Rated temperature: 60 ℃ Flame test: Colour-coded PE insulation Solid copper PVC jacket			Application: 100 Base-TX 100 Base-T 100VG-AnyLAN 1000 Base-T(Gigabit Ethernet) 1000 Base-TX 155Mbps ATM 622Mbps ATM					
Data Sheet								
Structure	Construction	U/UTP						
	Number of pairs	4Pairs						
Conductor	AWG	23AWG						
	Material	Solid copper						
	Conductor dimension (mm)	0.55±0.01						
Insulation	Insulation Material	HDPE	Electrical Characteristics					
	Insulation dimension(mm)	0.96±0.05						
Pairs	1	White-Blue/Blue				1--250MHz Impedance 100±15Ω		
	2	White-Orange/Orange				Max. delay skew ≤ 45ns/100m		
	3	White-Green/Green				Max. conductor resistance 93.8Ω/km		
	4	White-Brown/Brown				Max. conductor resistance unbalance 5%		
Filler	Filler material	YES				Min. insulation resistance 5000 MΩ · km		
Binder	Binder material	N/A				Nom. mutual capacitance ≤5.6nF/100m		
Shield	Individual shield & material	N/A	Nominal velocity of propagation 69%					
	Primary overall shield & material	N/A	Outer jacket tensile strength ≥ 13.5Mpa					
	Secondary overall shield & material	N/A	Outer jacket elongation ≥ 150%					
	Shield coverage	N/A	Outer jacket aging condition 100℃ x 168hrs					
	Drain wire	N/A	After aging, Tensile strength ≥ 12.5Mpa					
Outer jacket	Outer jacket material	PVC	Mechanical Characteristics					
	Outer jacket nominal thickness(mm)	0.50±0.05						
	Overall dimension (mm)	5.8±0.3						
	Outer jacket colour	Per customer request						
	Outer jacket rip cord	YES						
Packing	Per customer request							
Test	Perm.Link test by fluke 90±5m							
Marking	VF Networking VF-CAT6 UTP Interior Gray LAN CABLE 23AWG 4PAIRS CONFORM TO ANSI/TIA 568.2-D & ISO/IEC 11801 MM/YY running meters							
	Marking color shall be black except black jacket with white printing.							