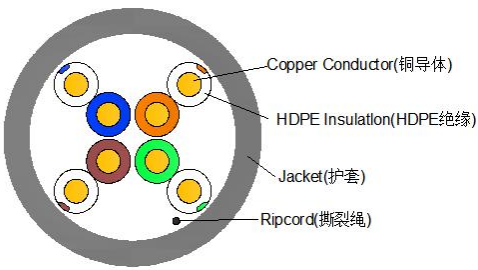


VF NETWORKING

CAT5E U/UTP SPECIFICATION

Description: Product Description: 4P U/UTP CAT5E 24AWG PE LAN CABLE Reference standard: ANSI/TIA-568.2-D & ISO/IEC 11801 Rated temperature: 60 ℃ Flame test: Colour-coded PE insulation Solid copper PE jacket			Application: 100 Base-TX 100 Base-T 100VG-AnyLAN 1000 Base-T(Gigabit Ethernet) 1000 Base-TX 155Mbps ATM		
Data Sheet					
Structure	Construction	U/UTP			
	Number of pairs	4Pairs			
Conductor	AWG	24AWG			
	Material	Solid copper			
	Conductor dimension (mm)	0.48±0.01			
Insulation	Insulation Material	HDPE	Electrical Characteristics 1--100MHz Impedance 100±15Ω Max. delay skew ≤ 45/100m Max. conductor resistance 117Ω/km Max. conductor resistance unbalance 5% Min. insulation resistance 5000 MΩ · km Nom. mutual capacitance ≤5.6nF/100m Nominal velocity of propagation 69% Mechanical Characteristics Outer jacket tensile strength ≧ 10Mpa Outer jacket elongation ≧ 350% Outer jacket aging condition 100℃ x 168hrs After aging, Tensile strength ≧ 12.5Mpa After aging, Elongation ≧ 125% Cold bend No crack (@-20℃ x4hrs) Hot impact NO Crack(@150℃ x4hrs)		
	Insulation dimension(mm)	0.86±0.05			
Pairs	1	White-Blue/Blue			
	2	White-Orange/Orange			
	3	White-Green/Green			
	4	White-Brown/Brown			
Filler	Filler material	N/A			
Binder	Binder material	N/A			
Shield	Individual shield & material	N/A			
	Primary overall shield & material	N/A			
	Secondary overall shield & material	N/A			
	Shield coverage	N/A			
	Drain wire	N/A			
Outer jacket	Outer jacket material	PE			
	Outer jacket nominal thickness(mm)	0.60±0.05			
	Overall dimension (mm)	5.1±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-CAT5E U/UTP EXT LAN CABLE OUTDOOR 24AWG 4PAIRS CONFORM TO ANSI/TIA 568.2-D&ISO/IEC 118011 MM/YYYY running meters				
	Marking color shall be black except black jacket with white printing.				