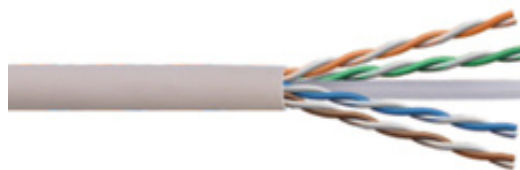


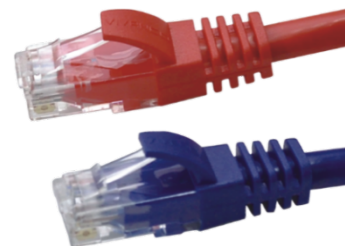
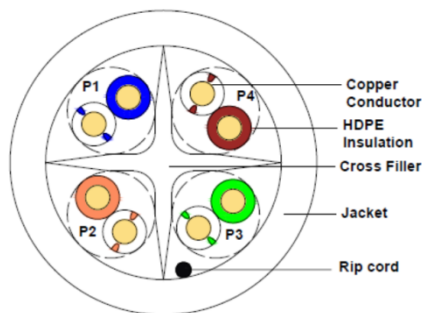
DESCRIPTION

VIVANCO Category 6 U/UTP patch leads are manufactured and tested to ISO 11801, EN 50173 & ANSI/TIA 568-C.2 requirements for patch cord assemblies and provide optimum performance levels for structured cabling installations.



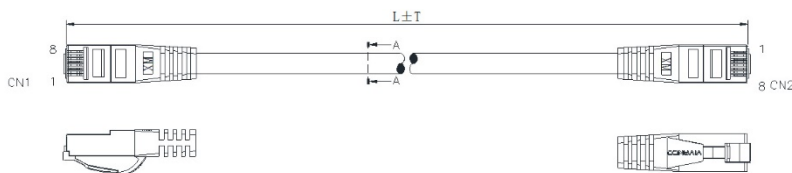
FEATURES & BENEFITS

- 25 Year System Warranty
- Category 6 Compliant
- Backward Compatible
- T568B wiring
- PVC OR LSOH Outer Sheath Central 'X' filler
- 1000 Insertion Cycles (plug in/out) Durability
- Zero halogen, no corrosive gases IEC 60754-1 (LSZH)
- Flame propagation IEC 60332-1 (LSZH)
- Smoke density IEC 61034-1 (LSZH)



TYPICAL APPLICATIONS

- 1000BASE - T Gigabit Ethernet
- 100BASE - TX Fast Ethernet
- 622 Mbps ATM
- 155 Mbps ATM
- VOIP Applications
- Token Ring



Shielding		U/UTP	
Pair		4	
Color code		White-blue, blue, white-orange, orange, white-green, green, white-brown, brown	
AWG		23AWG	
Conductor	Structure	Solid	
	Diameter	1/0.56±0.01BC	
Insulation	Material	HDPE	
	Diameter	1.0±0.05	
Connector	Gold Plating	50mircoinch	
	TYPE	RJ45 8P8C	
	Assembly TYPE	Molding	
	Durability	≥1000	
Jacket	Material	CM, LSZH, PVC	
	Color	Blue, grey, red, yellow	
	Diameter	6.3±0.3mm	
Packaging		1PC/Polybag	
Length Tolerance		Length	Tolerance
		≤1000mm	±30mm
		1000<L≤5000mm	±50mm
		5000<L≤10000mm	±100mm
Installation Temperature Range		0°C~+50°C	
Operating Temperature Range		-10°C~+60°C	

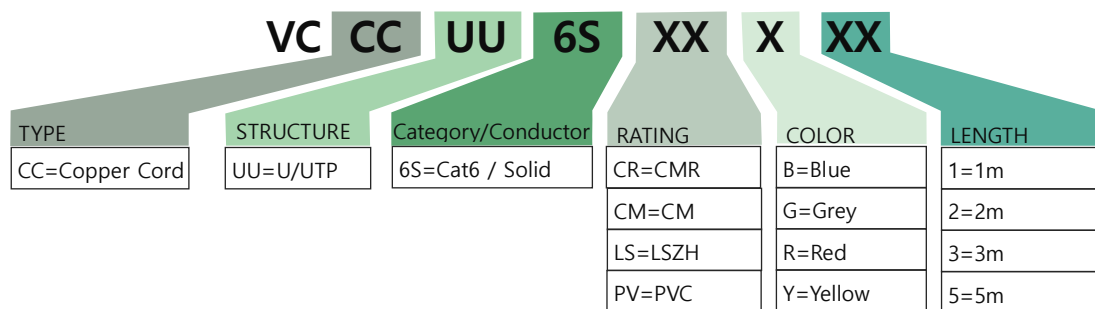
MECHANICAL CHARACTERISTICS

Cable under the minimum tension		≥400N
Conductor elongation		≥15%
Jacket before Aging	Tensile Strength	≥13.5Mpa
	Elongation	≥150%
Jacket After Aging	Tensile Strength	≥12.5Mpa
	Elongation	≥125%

ELECTRICAL CHARACTERISTICS

100% Test(Open , short ,miss wire)	
Impedance	1~250 MHz 100±15Ω
DC Resistance Unbalance (%)	≤2.5%
Rated Temperature	75°C
DC Resistance 20°C	≤ 93.8 (Ohms/Km)
Pair-to-Ground Capacitance Unbalance	330(pF/100M)
Insulation Resistance	>5000 MΩ*km
Dielectric strength	DC 2500V 2S

NAME CODING



ORDERING INFORMATION

Part No	Description	Length
VCCCUU6SCMG3	VIVANCO CAT 6 Unshielded U/UTP 23AWG CM Patch Cord, GREY	3M
VCCCUU6SLSG3	VIVANCO CAT 6 Unshielded U/UTP 23AWG LSZH Patch Cord, GREY	3M
VCCCUU6SPVG3	VIVANCO CAT 6 Unshielded U/UTP 23AWG PVC Patch Cord, GREY	3M

Note: In this specification, we just list our standard length, color and jacket type, but we can customize as well.