

DESCRIPTION

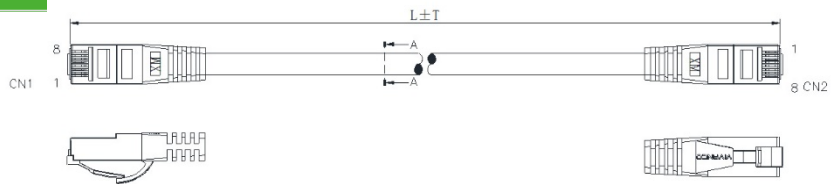
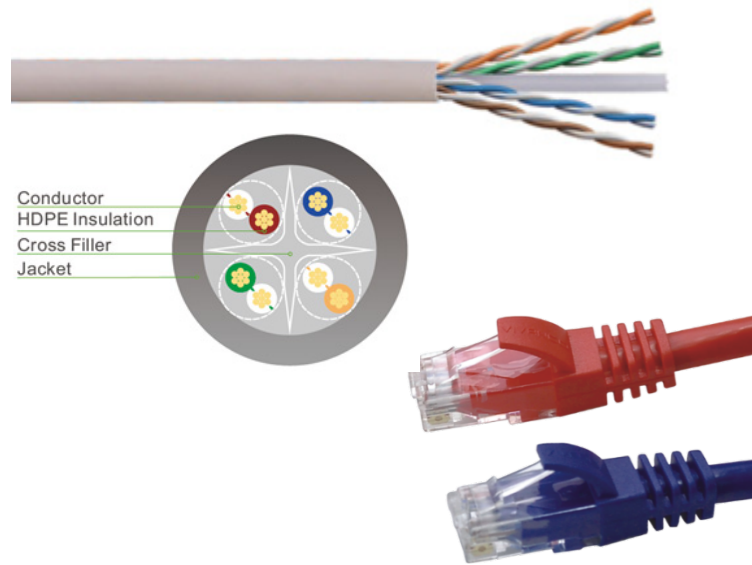
VIVANCO CAT 6A U/UTP patch cords are manufactured and tested to ISO 11801, EN 50173 & ANSI/TIA 568-C.2 requirements for patch cord assemblies and provide optimum performance levels for structured cabling installations. Stranded conductors are more flexible and convenient for wiring, Injection molding with ear and Snagless.

FEATURES & BENEFITS

- 25 Year System Warranty
- Category 6A 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

- 10GBASE-T Ethernet
- 1000BASE-T Gigabit Ethernet
- 622 Mbps ATM
- 155 Mbps ATM
- VOIP Applications
- Token Ring



Shielding		U/UTP	
Pair		4	
Color code		P1: White-blue / Blue P2: White-orange / Orange P3: White-green / Green P4: White-brown / Brown	
AWG		24AWG	
Conductor	Structure	Stranded Bare Copper	
	Diameter	7/0.20±0.008BC	
Insulation	Material	HDPE	
	Diameter	1.0	
Connector	Gold Plating	50micoinch	
	TYPE	RJ45 8P8C	
	Assembly TYPE	Molding	
	Durability	≥1000	
Jacket	Material	PVC, LSZH, CM, CMR	
	color	Blue, grey, red, yellow	
	Diameter	6.3±0.2mm	
Packaging		1PC/Polybag	
Installation Temperature Range		0°C~+50°C	
Length Tolerance		Length	Tolerance
		≤1000mm	±30mm
		1000<L≤5000mm	±50mm
		5000<L≤10000mm	±100mm
Operating Temperature Range		10000<L≤20000mm	±200mm
		-10°C~+60°C	

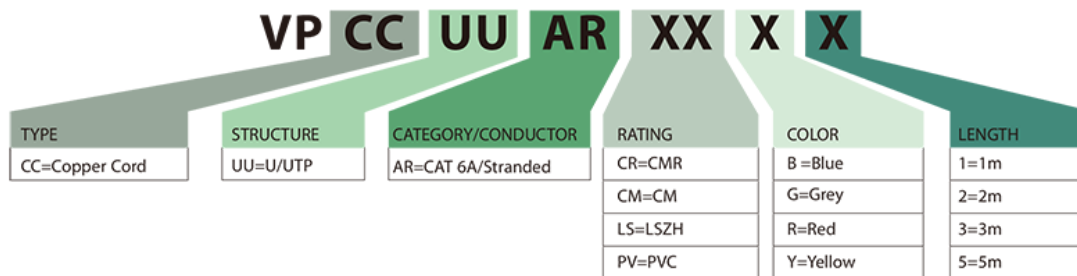
MECHANICAL CHARACTERISTICS

Cable under the minimum tension		≥100N
Conductor elongation		≥15%
Jacket before Aging(LSZH)	Tensile Strength	≥10Mpa
	Elongation	≥125%
Jacket After Aging(LSZH)	Tensile Strength	≥8Mpa
	Elongation	≥100%
Minimum Bend Radius		4x overall diameter installed,8x during installation

ELECTRICAL CHARACTERISTICS

100% Test(Open , short , miss wire)	
DC Resistance Unbalance (%)	≤2.5%
Dielectric strength Between Conductors	1.0Kv,1Min no breakdown
Operating Voltage	Max 48V
Delay Skew	≤50ns/100m
Delay	≤555ns/100mm
Dielectric strength	≥5000MΩ•km +20°C DC (100-500)V
NVP 69%	69%

NAME CODING



ORDERING INFORMATION

Part No	Description	Length
VPCCUUARCB1	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, CMR, Blue	1M
VPCCUUARCB2	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, CMR, Blue	2M
VPCCUUARCB3	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, CMR, Blue	3M
VPCCUUARCB5	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, CMR, Blue	5M
VPCCUUARCG1	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, CMR, Grey	1M
VPCCUUARCG2	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, CMR, Grey	2M
VPCCUUARCG3	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, CMR, Grey	3M
VPCCUUARCG5	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, CMR, Grey	5M
VPCCUUARCR1	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, CMR, Red	1M
VPCCUUARCR2	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, CMR, Red	2M
VPCCUUARCR3	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, CMR, Red	3M
VPCCUUARCR5	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, CMR, Red	5M
VPCCUUARCY1	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, CMR, Yellow	1M
VPCCUUARCY2	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, CMR, Yellow	2M



VPCCUUCRY3	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, CMR, Yellow	3M
VPCCUUCRY5	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, CMR, Yellow	5M
VPCCUUCMB1	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, CM, Blue	1M
VPCCUUCMB2	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, CM, Blue	2M
VPCCUUCMB3	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, CM, Blue	3M
VPCCUUCMB5	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, CM, Blue	5M
VPCCUUCMG1	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, CM, Grey	1M
VPCCUUCMG2	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, CM, Grey	2M
VPCCUUCMG3	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, CM, Grey	3M
VPCCUUCMG5	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, CM, Grey	5M
VPCCUUCMR1	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, CM, Red	1M
VPCCUUCMR2	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, CM, Red	2M
VPCCUUCMR3	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, CM, Red	3M
VPCCUUCMR5	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, CM, Red	5M
VPCCUUCMY1	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, CM, Yellow	1M
VPCCUUCMY2	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, CM, Yellow	2M
VPCCUUCMY3	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, CM, Yellow	3M
VPCCUUCMY5	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, CM, Yellow	5M
VPCCUULARSB1	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, LSZH, Blue	1M
VPCCUULARSB2	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, LSZH, Blue	2M
VPCCUULARSB3	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, LSZH, Blue	3M
VPCCUULARSB5	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, LSZH, Blue	5M
VPCCUULARSG1	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, LSZH, Grey	1M
VPCCUULARSG2	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, LSZH, Grey	2M
VPCCUULARSG3	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, LSZH, Grey	3M
VPCCUULARSG5	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, LSZH, Grey	5M
VPCCUULARSR1	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, LSZH, Red	1M
VPCCUULARSR2	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, LSZH, Red	2M
VPCCUULARSR3	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, LSZH, Red	3M
VPCCUULARSR5	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, LSZH, Red	5M
VPCCUULARSY1	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, LSZH, Yellow	1M
VPCCUULARSY2	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, LSZH, Yellow	2M
VPCCUULARSY3	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, LSZH, Yellow	3M
VPCCUULARSY5	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, LSZH, Yellow	5M
VPCCUARPVB1	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, PVC, Blue	1M
VPCCUARPVB2	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, PVC, Blue	2M
VPCCUARPVB3	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, PVC, Blue	3M
VPCCUARPVB5	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, PVC, Blue	5M
VPCCUARPVG1	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, PVC, Grey	1M
VPCCUARPVG2	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, PVC, Grey	2M
VPCCUARPVG3	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, PVC, Grey	3M
VPCCUARPVG5	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, PVC, Grey	5M
VPCCUARPVR1	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, PVC, Red	1M
VPCCUARPVR2	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, PVC, Red	2M



VPCCUARPVR3	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, PVC, Red	3M
VPCCUARPVR5	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, PVC, Red	5M
VPCCUARPVY1	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, PVC, Yellow	1M
VPCCUARPVY2	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, PVC, Yellow	2M
VPCCUARPVY3	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, PVC, Yellow	3M
VPCCUARPVY5	VIVNACO CAT 6A Unshielded U/UTP 24AWG Patch Cord, PVC, Yellow	5M

Note: color and jacket type can be customized.