

DESCRIPTION

VIVANCO Category 3 U/UTP cables are manufactured and tested to the TIA/EIA 568-C.2, IEC/ISO 61156-5 and ISO/IEC 11801 Category 3 specifications.

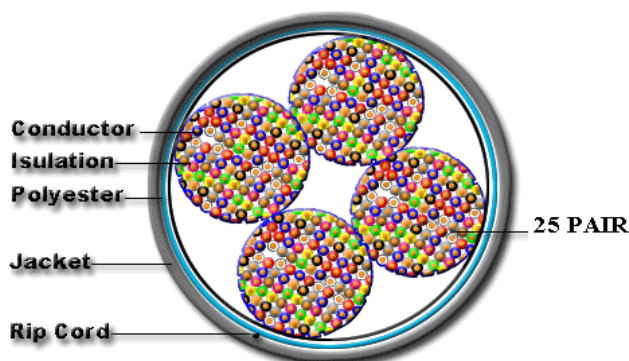
FEATURES & BENEFITS

- Features 25 Year System Warranty
- Wooden drum Packaging
- Category 3 Compliant
- TIA/EIA 568 - C.2
- IEC/ISO 61156-5
- ISO/IEC 11801
- Operating Frequency 16MHz
- Zero halogen, no corrosive gases IEC 60754-1 (LSZH)
- Flame propagation IEC 60332-1 (LSZH)
- Smoke density IEC 61034-1 (LSZH)

PRODUCT SPECIFICATIONS

Color Codes of Pairs:

- | | | |
|------------------|-------------------|------------------|
| 1. White-Blue | 2. White-Orange | 3. White-Green |
| 4. White-Brown | 5. White-Grey | 6. Red-Blue |
| 7. Red-Orange | 8. Red-Green | 9. Red-Brown |
| 10. Red-Grey | 11. Black-Blue | 12. Black-Orange |
| 13. Black-Green | 14. Black-Brown | 15. Black-Grey |
| 16. Yellow-Blue | 17. Yellow-Orange | 18. Yellow-Green |
| 19. Yellow-Brown | 20. Yellow-Grey | |



Type			U/UTP CAT3 X*2*26AWG (25P/50P/100P)
Construction			Dimensions
Conductor	Structure AWG	AWG	26
	Material	-	Bare Copper
	Diameter	mm	0.40±0.008
Insulation	Material	-	HDPE
	Diameter	mm	0.70±0.05
	Average Thickness	mm	0.20+/-0.05(0.15±0.05)
Twist	Direction	-	S
Jacket	Material	-	CMR, CM, LSZH, PVC
	25P Diameter	mm	9.0±0.5
	50P Diameter	mm	12.0±0.5
	100P Diameter	mm	16.5±0.5
	Marking	-	VIVANCO SYSTEM COPPER CABLE ***** ** U/UTP CAT 3 **PAIRS 26AWG ANSI/TIA-568-C.2 ***** 001-305M
Installation Temperature Range			0°C ~+50°C
Operating Temperature Range			- 20°C ~+60°C



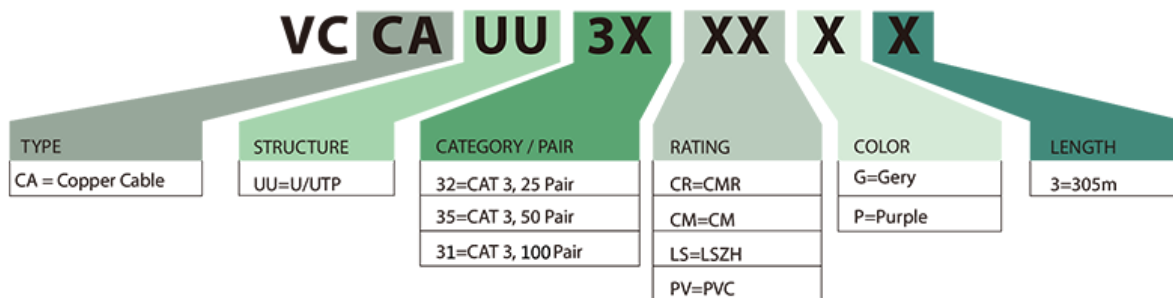
MECHANICAL CHARACTERISTICS

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		8xoverall diameter

ELECTRICAL CHARACTERISTICS

DC Resistance Unbalance (%)	Max 2.0
DC Resistance 20°C	≤148 (Ohms/Km)
Insulation Resistance	>5000MΩ · Km
Dielectric strength	DC 2500V 2S
Mutual Capacitance of a Pair	Max 5.6 nF/100m
Operating Voltage	Max 48V
NVP	62%

NAME CODING



ORDERING INFORMATION

Part No	Description	Packaging	Length
VCCAUU32CMG3	VIVANCO CAT 3 Unshielded U/UTP 26AWG 25 Pair Installation Cable, CM, GRAY	Wooden drum	305M
VCCAUU32LSG3	VIVANCO CAT 3 Unshielded U/UTP 26AWG 25 Pair Installation Cable, LSZH, PURPLE	Wooden drum	305M
VCCAUU32PVG3	Category 3 Unshielded (U/UTP) 26AWG 25 Pair Installation Cable, PVC GRAY	Wooden drum	305M
VCCAUU32PEG3	Category 3 Unshielded (U/UTP) 26AWG 25 Pair Installation Cable, PE BLACK	Wooden drum	305M
VCCAUU35CMG3	Category 3 Unshielded (U/UTP) 26AWG 50 Pair Installation Cable, CM GRAY	Wooden drum	305M
VCCAUU35LSG3	Category 3 Unshielded (U/UTP) 26AWG 50 Pair Installation Cable, LSZH PURPLE	Wooden drum	305M
VCCAUU35PVG3	Category 3 Unshielded (U/UTP) 26AWG 50 Pair Installation Cable, PVC GRAY	Wooden drum	305M
VCCAUU35PEG3	Category 3 Unshielded (U/UTP) 26AWG 50 Pair Installation Cable, PE BLACK	Wooden drum	305M
VCCAUU31CMG3	Category 3 Unshielded (U/UTP) 26AWG 100 Pair Installation Cable, CM GRAY	Wooden drum	305M
VCCAUU31LSG3	Category 3 Unshielded (U/UTP) 26AWG 100 Pair Installation Cable, LSZH PURPLE	Wooden drum	305M
VCCAUU31PVG3	Category 3 Unshielded (U/UTP) 26AWG 100 Pair Installation Cable, PVC GRAY	Wooden drum	305M
VCCAUU31PEG3	Category 3 Unshielded (U/UTP) 26AWG 100 Pair Installation Cable, PE BLACK	Wooden drum	305M

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