

## ■ UTP Cat 6 Cable



### APPLICATION

BENKA datacom (LAN) twisted pair cable is designed for high bandwidth application up to 1 Gigabit Ethernet. Guaranteed performance to 250 MHz, tested up to 350 MHz. Suitable for basic voice and data. To ISO/IEC 11801 and EN 50173, the cable length should not exceed 100 meters. Black color jacket is for outdoor use.

### STANDARD

International ISO/IEC 11801, ANSI/TIA-568-C.2

**BENKA UTP CAT 6 ANSI/TIA-568-C.2 4x2x24 AWG**



Cable Description		BENKA UTP CAT 6 4x2x24 AWG
Part No.	PVC jacket	313 4224C6
	LSZH jacket	621 4224C6
Conductor	Diameter (mm)	0.51 ± 0.05
	Material	Bare copper
	Type	Solid
Dielectric (insulation)	Diameter (mm)	0.98 ± 0.05
	Material	Solid PE
Screen	Material	PE separator
	Color	Grey/Blue/Orange
Outer sheath	Diameter (mm)	5.8 ± 0.01
	Material	PVC/LSZH
Color		Pair 1: Blue, White/Blue Pair 2: Orange, White/Orange Pair 3: Green, White/Green Pair 4: Brown, White/Brown
Attenuation (100MHz dB/100m)		≤ 19.8
NEXT (100MHz dB/100m)		≥ 44.3
ELFEXT (100MHz dB/100m)		≥ 27.8
RL (100MHz dB/100m)		≥ 20.1
Impedance (Ω)		100
Rated temperature		-20°C to +75°C
Smoke density		IEC 61034-2 (LSZH sheath)
Halogen free		IEC 60754-1 (LSZH sheath)
Flame retardant		IEC 60332-1
Standard & Approval		RoHS, SIRIM, ANSI, UL