

# CAT 6A U/UTP PRE-TERMINATED CABLE



The CAT 6A U/UTP pre-terminated cables with keystone jacks provide a ready-to-install connectivity solution for structured cabling systems. Pre-termination and testing ensure stable transmission and consistent quality. The use of keystone jacks offers flexibility for quick installation in faceplates, patch panels, and enclosures. These assemblies help minimize installation errors and significantly reduce project deployment time. They are well suited for enterprise networks, commercial buildings, and data center environments requiring reliable and scalable copper connectivity.



## COMPLIANCE

IEEE 802.3af, IEEE.802.3at and IEEE 802.3bt for POE Application  
ANSI/TIA-568.2-D Category 6A  
ISO/IEC-11801, Class EA /IEC 61156-5: Category 6A  
IEC 60332-1, IEC 60754, IEC 61034  
EN50173-1 / EN50173-2 Category 6A Standards

## DESIGN & MATERIALS

Conductor Material	Bare Copper
Conductor Size	23 AWG, 1/0.57±0.1mm
Insulation Material	Foam PE
Insulation Thickness	0.4 – 0.6mm
Insulation Diameter	1.02 ± 0.08mm
Jacket Material	LSZH
Jacket Thickness	0.50 ± 0.05mm
Jacket Diameter	6.2 ± 0.1mm
Keystone Housing Material	Zinc Alloy with Nickel Plating
Wiring Scheme	T568A/B
IDC Wire Gauge	22-26 AWG
Storage Temp	-40°C to 70°C
Operating Temp	-10°C to 60°C

## ELECTRICAL & MECHANICAL CHARACTERISTICS

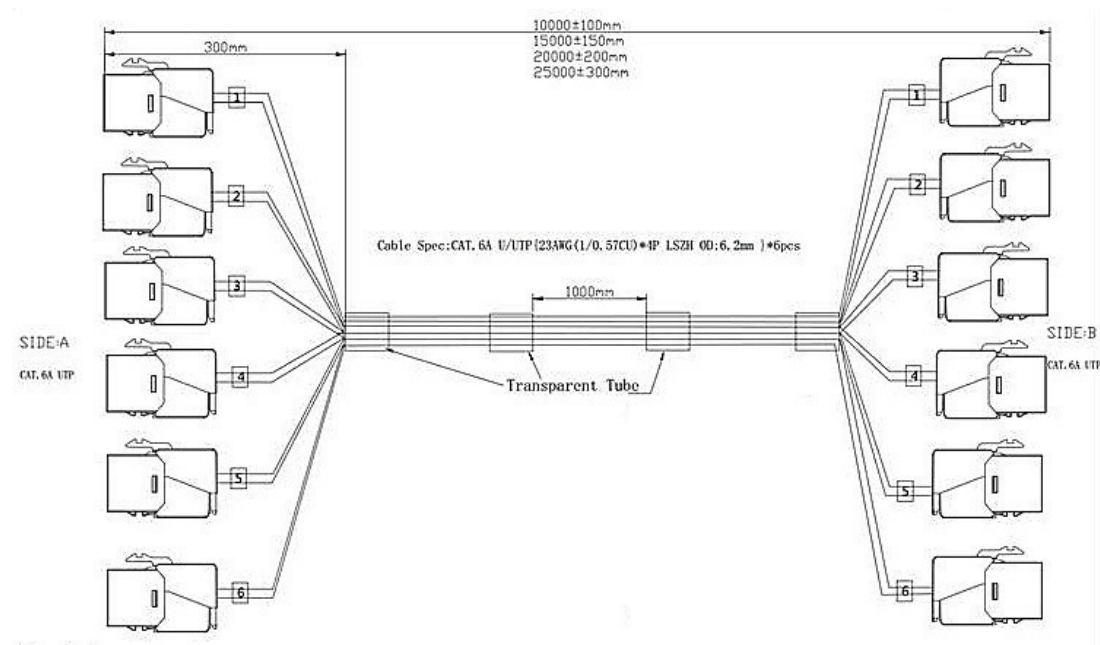
Current Rating	1.5 A
Insulation Resistance	5M Ω Min.
Conductor Resistance	20 Ω Max.
DC Resistance	≤ 0.1 mΩ
Pulling Strength	70N between jack and plug; 60N between wire and IDC
Bending Radius	62mm
Propagation Delay Skew	1.25 ns Max./1-500 MHz
Velocity of Propagation	68.2%



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## DRAWING



## ORDERING INFORMATION

Part Number	Description
NC44-B232U0610X	6 x Cat 6A UTP 23 AWG, LSZH Jacket, Pre-Terminated Cable with UTP Keystone Jacks-10m
NC44-B232U0615X	6 x Cat 6A UTP 23 AWG, LZSH Jacket, Pre-Terminated Cable with UTP Keystone Jacks-15m
NC44-B232U0620X	6 x Cat 6A UTP 23 AWG, LZSH Jacket, Pre-Terminated Cable with UTP Keystone Jacks-20m
NC44-B232U0625X	6 x Cat 6A UTP 23 AWG, LZSH Jacket, Pre-Terminated Cable with UTP Keystone Jacks -25m