

CAT 6 U/UTP PRE-TERMINATED CABLE



The CAT 6 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 and IEEE 802.3at for POE Application
ANSI/TIA-568.2-D Category 6, ANSI/TIA/EIA 568AB.2.2001
ISO/IEC-11801, Class E /IEC 61156-5: Category 6
IEC 60332-1, IEC 60754, IEC 61034
EN50173-2 Category 6 Standards

DESIGN & MATERIALS

Conductor Material	Bare Copper
Conductor Size	23 AWG
Insulation Material	HDPE
Insulation Thickness	0.36mm
Insulation Dia	1.05mm
Jacket Thickness	0.55mm
Jacket Dia	6.2mm
Keystone Housing Material	PC(Polycarbonate)
Wiring Scheme	As per 568 B
IDC Wire Gauge	23 AWG
Storage Temp	-40°C to 85°C
Operating Temp	0°C to 70°C

ELECTRICAL & MECHANICAL CHARACTERISTICS

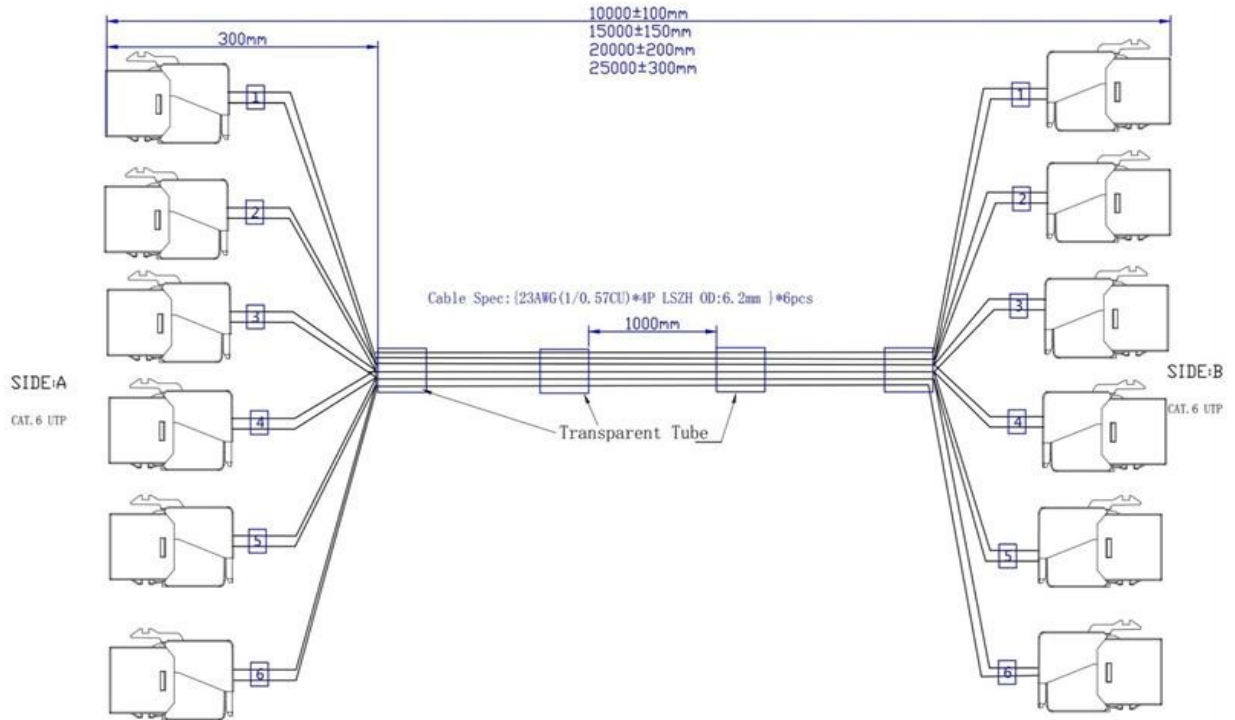
Current Rating	1.5 A
Voltage Rating	125VAC
DC Resistance	1000 MΩ MIN @500 VDC
Contact resistance	100mΩ MAX
Dielectric Withstanding Voltage	750VAC RMS 60HZ 1min
Pulling Strength	110N
Bending Radius	>50mm
Propagation Delay Skew	536ns/100m max.@250MHz
Velocity of Propagation	69%



COPPER PRE-TERMINATED CABLE



DRAWING



ORDERING INFORMATION

Part Number	Description
NC44-A232U0610X	6 x Cat 6 UTP 23 AWG, LZSH Jacket, Pre-Terminated Cable with UTP Keystone Jacks-10m
NC44-A232U0615X	6 x Cat 6 UTP 23 AWG, LZSH Jacket, Pre-Terminated Cable with UTP Keystone Jacks-15m
NC44-A232U0620X	6 x Cat 6 UTP 23 AWG, LZSH Jacket, Pre-Terminated Cable with UTP Keystone Jacks-20m
NC44-A232U0625X	6 x Cat 6 UTP 23 AWG, LZSH Jacket, Pre-Terminated Cable with UTP Keystone Jacks -25m

