

# NX-SL48C6

## Silver Series Cat6 CCA UTP Cable 305m

*250MHz bandwidth — Gigabit Ethernet for CCTV and LAN  
— riser-rated CMR jacket, 305m pull-box for professional runs*



The NexaKey NX-SL48C6 is a 305-metre Silver Series Cat6 Unshielded Twisted Pair cable engineered for cost-effective, high-speed network infrastructure. Supporting up to 250MHz bandwidth and Gigabit Ethernet over 100 metres, it features 24 AWG Copper-Clad Aluminum (CCA) conductors with HDPE insulation and a PE cross-separator to minimize crosstalk. The riser-rated PVC (CMR) flame-retardant jacket is suitable for vertical building installations. The 305m pull-box format simplifies handling on-site, making the NX-SL48C6 the ideal cable for IP surveillance, structured LAN cabling, and VoIP deployments.

### KEY FEATURES

- ✓ **250MHz Bandwidth** — Cat6 specification supports up to 250MHz — delivers reliable Gigabit Ethernet performance
- ✓ **24 AWG CCA Conductors** — Copper-Clad Aluminum construction offers a lightweight, cost-effective alternative to solid copper
- ✓ **HDPE Insulation with Cross-Separator** — PE cross-pair separator minimizes crosstalk and maintains signal integrity across all four pairs
- ✓ **Riser-Rated CMR Jacket** — flame-retardant PVC outer jacket meets CMR riser rating — safe for vertical in-wall installations
- ✓ **305m Pull-Box Format** — bulk pull-box with easy-draw opening simplifies cable management and speeds up on-site deployment
- ✓ **Gigabit Ethernet Ready** — supports 1 Gbps data transmission over 100 metres — compatible with all Gigabit switches and routers

### APPLICATIONS

- IP CCTV & HD Surveillance Systems
- Structured LAN Cabling for Offices & Homes
- PoE Switches & Wireless Access Points
- VoIP Phone Systems & Data Networks
- Patch Panel & Keystone Jack Terminations
- Large Installations Requiring Long Cable Runs

### TECHNICAL SPECIFICATIONS

<b>Model</b>	NX-SL48C6	<b>Series</b>	Silver Series
<b>Cable Type</b>	Cat6 UTP (Unshielded Twisted Pair)	<b>Length</b>	305 Metres per Box
<b>Conductor Type</b>	24 AWG CCA (Copper-Clad Aluminum)	<b>Pairs</b>	4 Twisted Pairs (8 Conductors)
<b>Bandwidth</b>	Up to 250 MHz	<b>Speed</b>	Gigabit Ethernet (1 Gbps @ 100m)
<b>Insulation</b>	HDPE with PE Cross-Separator	<b>Jacket</b>	Riser-Rated PVC (CMR) — Flame Retardant
<b>Packaging</b>	305m Pull-Box	<b>AWG</b>	24 AWG
<b>Suitable For</b>	CCTV, LAN, VoIP, Data Networks	<b>Country of Origin</b>	China
<b>Certifications</b>	CE, RoHS		

#### CERTIFICATIONS



#### NEXAKEY

IT & Security Automation  
www.thenexakey.com

#### CONTACT

info@thenexakey.com  
+86 198-7551-4301

#### ADDRESS

H020 3/Farid, 42-46 Tai Lin Pai Rd,  
Kwai Chung, Hong Kong