

Product Highlights

High Performance Network Cable

Cat 6A network cables are ideal for high speed (up to 10Gbps) data transmission.

Licensed Reelx[®] Packaging System

Ease of deployment with no tangles, no twists, no overruns and no pigtails.

Less Environmental Impact

Minimise environmental pollution with less waste due to no internal drums or spools to dispose of.

305m Reels provide a Cost Effective Cabling Solution

Easily roll out any length of cable with full support for PoE, PoE+ or PoE++ solutions.

High Quality, Tested and Certified

Exceeds the requirements of TIA/EIA-568.2-D / TIA/EIA-568C.2 and IEC 11801 Standards.



NCB-6AUF523BLU-305

Cat6A U/FTP 23AWG Network Cable with PVC Jacket, Blue, 305m in Reelx Packaging

Features:

- Cat6A Cable suitable for 10 Gigabit Networking
- 23AWG Solid Bare Copper
- U/FTP – Unshielded Foiled Twisted Pair
- Long Distance PoE, PoE+ and PoE++ Support
- High Purity Oxygen-Free Copper
- RoHS Compliant PVC Jacket
- 305m in Licenced REELEX Packaging System – No tangles, No twists, No overruns, No pigtails. Less waste, Less environmental impact
- Fluke Tested
- Conforms to ANSI/TIA-568-C.2, ISO/IEC 11801, EN 50288
- FCC, CPR, ISO, CE, ROHS, TLC Certified
- Australian RCM Certified
- Limited Lifetime Warranty

D-Link Solid Copper Network Cables are the best twisted-pair cables in the market for transmitting data over Local Area Networks (LANs). These cables exceed performance requirements specified by the TIA/EIA-568.2-D / TIA/EIA-568C.2 and IEC 11801 standards.

As the need for streaming video, multimedia and high-speed data transmission continues to increase at an exponential rate, D-Link Solid Copper Network Cables are ideal as a cost-effective yet high-performance solution.

They support a higher signal-to-noise ratio providing better reliability for existing applications as well as 10Gbps support for higher performance needs into the future.

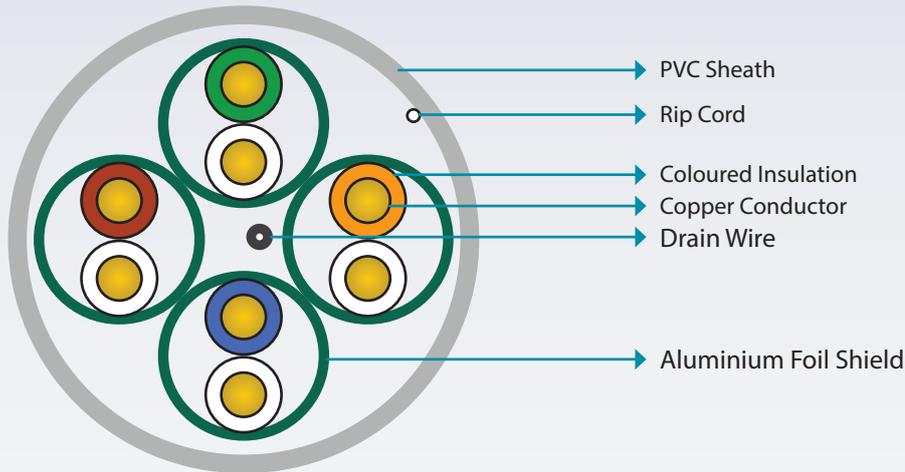
The 305m cable reel is supplied in licensed REELEX packaging which is the world's preferred method of packaging cables. It offers a unique and patented way of coiling cables without twists, tangles, overruns or pigtails and improves deployment performance whilst simultaneously reducing environmental impact with a significantly reduced waste profile.

Cat6A (Augmented) Cable

Cat6A cable is specified by TIA/EIA-568C.2 for enhanced performance standards for twisted pair cable systems. Cat6A cables perform significantly better on the back of these improved specifications, in particular when focused on crosstalk, when compared to Cat6 cables, allowing speeds of up to 10Gbps (versus 1Gbps for Cat6 Cables).

D-Link has opted for enhanced 23 AWG solid bare copper, providing a more reliable and improved performance profile when comparing to the specifications, allowing a 500MHz frequency to support data at 10BASE-T, 100BASE-TX, 1000BASE-T and 10GBASE-T (10 Gigabit Ethernet) speeds.

NCB-6AUFS23BLU-305 Cat6A U/FTP 23AWG Network Cable with PVC Jacket, Blue, 305m in Reelex Packaging



Technical Specifications

Applications

- 10GBASE-T, 1000BASE-T, 100BASE-TX, 10BASE-T Ethernet (IEEE802.3)
- 100VG-AnyLAN (IEEE802.12)
- 1000 MHz Broadband Video
- Voice, T1, ISDN
- 155/ 622 Mbps ATM
- Power over Ethernet (PoE), PoE+ and PoE++ Enabled Devices

Specifications

Conductor Metal	Solid Bare Copper
Conductor	23 AWG (0.55 ±0.004mm)
Conductor Insulation Material	Foam-PE, OD: 1.28 ±0.05mm
Sheath Material	PVC (RoHS Compliant)
Sheath Thickness	0.5 ±0.05mm
Sheath External O.D	6.8 ±0.5mm
Colour	Blue

Approvals / Certifications

- Australian RCM Certified
- FCC, CPR, ISO, CE, ROHS, TLC Certified
- ANSI/TIA-568-C.2, ISO/IEC 11801, EN 50288 Compliant

Technical Details

- Sheath Tensile Strength (Mpa) ≥13.5
- Sheath Elongation (%) ≥150
- Impedance (Ω) 250.0-500.0MHz: 100±22
- Delay Skew 1.0-500.0MHz (ns/100m) ≤45
- DC Resistance (Ω/km): 93.8 max
- NVP: 78%

Ordering Information

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