

PRODUCT OVERVIEW

Bellcom Category 6 Ethernet patch cords are designed for high-performance equipment patching and work-area network connections. The unshielded patch cord construction uses 24 AWG stranded bare copper conductors for flexibility, with RJ45 modular connectors for structured cabling, data, and Ethernet applications up to CAT6 performance levels.

FEATURES

- CAT6 unshielded Ethernet patch cord for network connectivity
- 24 AWG high-performance stranded bare copper conductors
- Guaranteed performance to 250 MHz
- Superior cable flexibility from stranded cores
- Boot maintains correct bend radius to help ensure maximum performance
- 8P8C RJ45 modular connector with 50 micro-inch gold plating
- RoHS compliant

APPLICATIONS

- 10GBASE-T Ethernet
- 1000BASE-TX / 1000BASE-T Gigabit Ethernet
- 100BASE-TX Fast Ethernet
- 10BASE-TX Ethernet
- Patch panel, switch, router, workstation, and general network equipment connections

PRODUCT SUMMARY

Property	Specification
Product Type	Ethernet Patch Cord
Category	Category 6
Shielding	Unshielded
Conductor	24 AWG Stranded Bare Copper
Connector	8P8C RJ45
Performance	250 MHz
Compliance	RoHS
SKU	BC6-PC



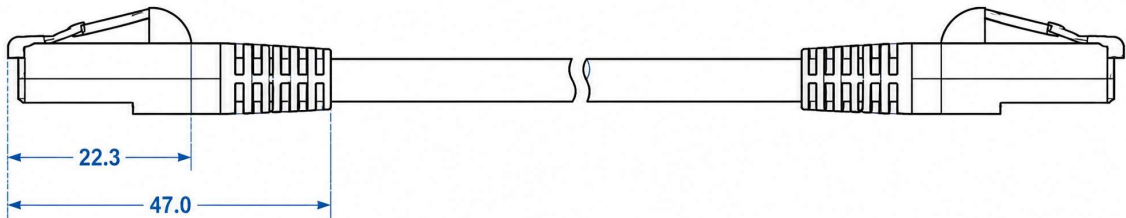
STANDARDS & COMPLIANCE

Standard / Requirement	Reference
Category 6 Requirements	ANSI/TIA, ISO/IEC, and CENELEC EN Standards
ANSI/TIA	ANSI/TIA-568-C.2
ISO/IEC	ISO/IEC 2nd Edition Amendment 1.2
Patch Cord Standard	IEC 61935-2 for patch cords
Stranded Cable Standard	ISO/IEC 61156-6 2nd Edition for stranded cable
RoHS	Implemented for EU Directive 2002/95/EC

CONSTRUCTION & TECHNICAL DATA

Property	Specification
Cable Type	CAT6 Unshielded Patch Cord
Conductor	24 AWG high-performance stranded bare copper
Connector Type	8P8C RJ45 modular connector
Contact Plating	50 micro-inch gold plating
Performance Bandwidth	Guaranteed performance to 250 MHz
Design	Snag-proof design
Compliance	RoHS compliant

PRODUCT DRAWING



Drawing shown for reference. Various snag-proof boot designs may be available depending on stock and order requirements.

APPROVALS

- UL/cUL Listed
- Certified Category 6 channel testing performance requirements

ORDERING INFORMATION

SKU	Product Description
BC6-PC	CAT6 Ethernet Patch Cords, unshielded, RJ45

Lengths, colors, and boot style should be confirmed at time of order.