

**BELDEN**

# UTP Patch Cord Yellow 2M Cat5e

Structured Cabling | 100 MHz | TIA/EIA-568-C.2 | ISO/IEC 11801

- Cat5e
- UTP
- 2 Metres
- RJ45



## PRODUCT OVERVIEW

The **Belden / UTP Patch Cord Yellow 2M Cat5e** is a premium, factory-terminated network patch cable engineered by Belden — one of the world's most trusted names in signal transmission technology — for consistent, high-performance Gigabit Ethernet connectivity in structured cabling environments. Built to TIA/EIA-568-C.2 and ISO/IEC 11801 Category 5e standards, it supports bandwidths up to 100 MHz and is fully compatible with 1000BASE-T (Gigabit Ethernet), 100BASE-TX, and 10BASE-T protocols. Furthermore, the 24 AWG stranded bare copper construction ensures maximum flexibility for routing through tight cable management systems. The yellow jacket enables instant visual identification on busy patch panels, reducing errors during installation and troubleshooting. Additionally, each end carries a precision-moulded, snag-resistant 8P8C (RJ45) plug — factory-terminated and 100% electrically tested before shipping — guaranteeing full Category 5e compliance for insertion loss, NEXT, and return loss right out of the box. Consequently, there is no need for on-site termination, testing, or calibration. The 2-metre length is ideal for within-rack and desktop connections, and the RoHS-compliant PVC jacket ensures safe, environmentally responsible deployment in any standard indoor environment.

## KEY FEATURES

### | Yellow — Visual Identification

Bright yellow PVC jacket enables instant circuit ID on busy patch panels, reducing errors and speeding up fault diagnosis.

### | Cat5e — TIA/EIA-568-C.2 & ISO/IEC 11801

100 MHz bandwidth, 1000BASE-T (Gigabit) support. Meets all Cat5e insertion loss, NEXT, and return loss specifications.

### | Factory-Terminated RJ45 Plugs

Precision moulded snag-resistant 8P8C plugs at both ends — pre-tested at the factory. Zero on-site termination needed.

### | 24 AWG Stranded Bare Copper

Flexible stranded conductors for easy routing and repeated connect/disconnect cycles without signal degradation.

### | 100% Factory Electrically Tested

Every cable verified before shipping. Backed by Belden's global quality standard and RoHS / REACH environmental compliance.

## TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION / DETAIL
<b>GENERAL</b>	
Brand	Belden
Product Name	UTP Patch Cord Yellow 2M Cat5e
Cable Category	Cat5e (Category 5e)
Cable Type	UTP — Unshielded Twisted Pair

PARAMETER	SPECIFICATION / DETAIL
Length	2 Metres (2M)
Jacket Colour	Yellow
<b>ELECTRICAL</b>	
Conductor	24 AWG Stranded Bare Copper
Number of Pairs	4 Pairs (8 conductors total)
Max. Bandwidth	100 MHz
Supported Protocols	1000BASE-T (Gigabit Ethernet), 100BASE-TX, 10BASE-T, PoE, PoE+
Impedance	100 Ohms (nominal)
Wiring Scheme	T568A / T568B (EIA/TIA standard)
<b>PHYSICAL</b>	
Connector Type	8P8C (RJ45) — Moulded, snag-resistant, both ends
Jacket Material	PVC (Polyvinyl Chloride)
Cable Diameter	Approx. 5.0 mm (outer)
<b>STANDARDS &amp; COMPLIANCE</b>	
Category Standard	TIA/EIA-568-C.2   ISO/IEC 11801 Cat5e
Environmental	RoHS compliant   REACH compliant
Factory Testing	100% electrically tested before shipment
<b>APPLICATION</b>	
Typical Use	Patch panel to switch, switch to device, horizontal cross-connect
Environment	Indoor — standard commercial and office environments
Ideal Length For	Within-rack, desktop, and short-run LAN connections

## APPLICATIONS & USE CASES

Data Centre & Server Rooms	Within-rack patch connections between servers, switches, and patch panels.
Office LAN Infrastructure	Desk-to-floor-box and workstation-to-switch connections in open-plan offices.
Structured Cabling Projects	Horizontal cross-connects and end-to-end Cat5e channel deployments.
Telecommunications Rooms	Patch panel to active equipment in IDF/MDF telecom rooms.

## SEO & PRODUCT INFORMATION

Focus Keyword	Belden Cat5e UTP Yellow Patch Cord 2M
SEO Title	Belden UTP Patch Cord Yellow 2M Cat5e   RJ45 Gigabit Network Cable

<b>Meta Description</b>	Belden Cat5e UTP yellow patch cord 2M — 24 AWG, RJ45, 100 MHz, 1000BASE-T. Factory tested, RoHS compliant. Perfect for patch panels & LAN infrastructure.
<b>Short Description</b>	Belden Cat5e UTP patch cord, yellow, 2M — 24 AWG stranded, RJ45, 100 MHz, 1 Gbps. Factory tested. Ideal for patch panels, switches & structured cabling.
<b>Tags</b>	Belden   Cat5e Patch Cord   UTP Cable   RJ45 Network Cable   Gigabit Ethernet Cable
<b>Category</b>	Passive > Copper > Patch Cord
<b>Manufacturer</b>	<a href="https://www.belden.com/products/patch-cords-cordsets-assemblies/copper-pre-term-assemblies/copper-patch-cords">https://www.belden.com/products/patch-cords-cordsets-assemblies/copper-pre-term-assemblies/copper-patch-cords</a>