

# CAT5e U/UTP CM Patch Cords

## Description

Wirewerks™ CAT5e U/UTP CM patch cords offer the best quality value for all those budget controlled installations and projects. Their ergonomic over molded boots exhibit an improved strain relief and an easy-to-press release tab. These patch cords are built with 24 AWG stranded annealed copper conductors and the connectors contacts are plated with 50 micro inch of gold. Wirewerks CAT5e U/UTP CM patch cords are perfect to carry Gigabit Ethernet data rates, Power over Ethernet (PoE), and Voice over Internet Protocol (VoIP).

## Features and Benefits

Available in 9 colors: grey, blue, white, green, black, yellow, red, purple and orange	Exceeds ANSI/TIA-568-C.2 Category 5e and ISO 11801 Class D channel requirements
Over molded strain relief	Available in 14 standard lengths
Connectors' contacts plated with 50 micro inch of gold	24 AWG annealed copper stranded conductors

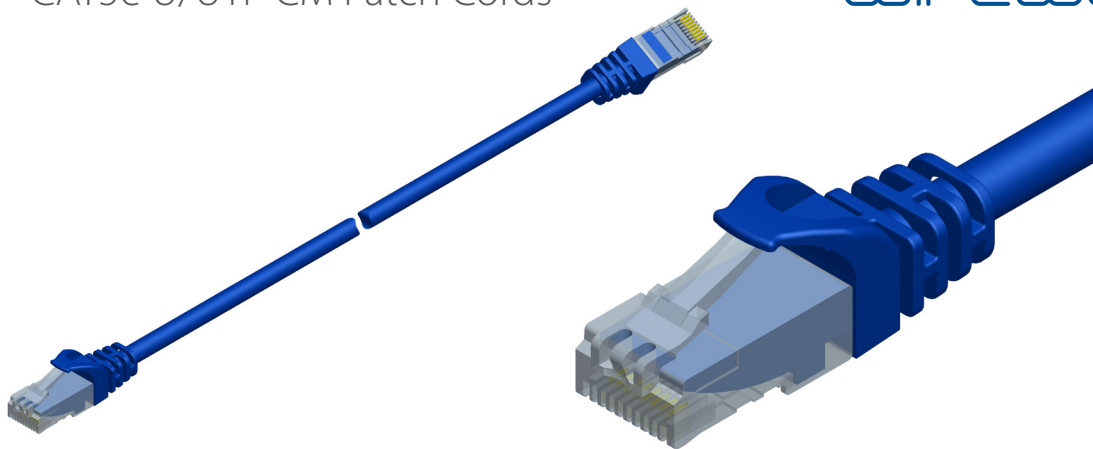
## Applications

Telecommunications room	Work area
Equipment room	Cellular tower base station
Consolidation point	

## Certification and Compliance

FCC 47, part 68	Connection of Terminal Equipment to the Public Switched Telephone Network.
ISO/IEC 11801	Generic Cabling for Customer Premises (Channel requirements).
ANSI/TIA-568-C.2	Balanced Twisted-Pair Telecommunications Cabling and Component Standards (Channel requirements).
ASTM D4565	Standard Test Methods for Physical and Environmental Performance Properties of Insulations and Jackets for Telecommunications wire and cable.
IEC 60603-7	Connectors for Electronic Equipment.
UL 444	Standard for Safety for Communication Cables.
UL 94	Tests for Flammability of Plastic Material for Parts in Devices and Appliances.
cULus	Bi-national (Canada, US) Listed Communication Circuit Accessories.
RoHS	Directive on Restriction of Hazardous Substances.





### Ordering Information

Description		Part Number	
CAT5e U/UTP CM patch cord		CAT-5EA <b>YY-NNN</b>	
YY Color		NNN Length	
<b>BL</b>	blue	<b>001</b>	1 ft
<b>WH</b>	white	<b>002</b>	2 ft
<b>BK</b>	black	<b>003</b>	3 ft
<b>YL</b>	yellow	<b>004</b>	4 ft
<b>RD</b>	red	<b>005</b>	5 ft
<b>GY</b>	grey	<b>006</b>	6 ft
<b>GR</b>	green	<b>007</b>	7 ft
<b>PR</b>	purple	<b>008</b>	8 ft
<b>OG</b>	orange	<b>010</b>	10 ft
Other colors and lengths available upon request.		<b>012</b>	12 ft
		<b>015</b>	15 ft
		<b>020</b>	20 ft
		<b>025</b>	25 ft
		<b>050</b>	50 ft
		<b>100</b>	100 ft

### Packaging

#### Description

Poly bag factory sealed, 1 unit per bag.

### Physical Characteristics

Parameter	Value
Cable core	4 unshielded twisted pair
Conductor material	24 AWG stranded annealed copper
Insulation material	Polyolefin compound
Jacket material	CM
Plug material	UL 94V thermoplastic
Contacts material	50 micro inch of gold over 100 micro inch of nickel
Boot material	Polyvinyl chloride (PVC)

### Mechanical Characteristics

Parameter	Value
Operation temperature	-40° C (-40° F) ~ 60° C (140° F)
Installation temperature	-20° C (-4° F) ~ 40° C (104° F)
Storage temperature	-40° C (-40° F) ~ 125° C (257° F)
Pulling tension	110 N (25 lbf)