

# TrueNet®

## Category 5e Patch Cords



An integral part of ADC's TrueNet® structured cabling system, these patch cords implement ADC's AirES® technology. The use of air increases signal strength and improves transmission speed, while reducing crosstalk. As a result this allows the conductor and insulation diameter to be dramatically reduced improving flexibility, reducing weight and maximizing tight tray, conduit and duct space.

### Features:

- TrueNet impedance matched patch cord for maximum throughput
- Patented AirES Technology
- Exceeds TIA/EIA Category 5e requirements
- Up to 28% smaller outer diameter than other patch cords
- Enhanced flexibility, which notably improves handling and circuit tracing
- Improved electrical transmission
- Strain relief boot maintains proper bend radius to maintain reliability and ensure peak performance
- UL 1863 listed and Category 5e performance verified

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# Specifications

<b>Operating Temperature Range:</b>	-40° to 70 °C (-40° to 158 °F)
<b>RJ45 Plug Interface According to:</b>	IEC 60603-7
<b>Transmission Performance and Reliability:</b>	≥ TIA/EIA 568-B.2 Category 5e ≥ ISO 11801 Class D Standard
<b>Number of Plug Insertion Cycles:</b>	≥ 750 (IEC/EN 60603-7)
<b>Conductor:</b>	24 AWG 7X32 stranded tinned copper
<b>Jacket:</b>	Lead free PVC
<b>Nominal Outer Diameter:</b>	5.3 mm ± .13 mm (0.210" ± .005")
<b>Flammability Rating:</b>	UL 94 V-0
<b>Safety Rating:</b>	UL 1863

## Ordering Information

Description	Cable Color	Catalog Number*
<b>RJ45 plug to RJ45 plug, T568B,</b> wired straight through <i>Quantity: 1</i> 	White	TP5ETA-WTXX
	Red	TP5ETA-RDXX
	Blue	TP5ETA-BLXX
	Green	TP5ETA-GNXX
	Yellow	TP5ETA-YLXX
	Gray	TP5ETA-GYXX
<b>RJ45 plug to RJ45 plug, T568A,</b> wired straight through <i>Quantity: 1</i> 	White	TP5ETA0WTXX
	Red	TP5ETA0RDXX
	Blue	TP5ETA0BLXX
	Green	TP5ETA0GNXX
	Yellow	TP5ETA0YLXX
	Gray	TP5ETA0GYXX
<b>RJ45 plug to RJ45 plug,</b> crossover wired <i>Quantity: 1</i> 	White	TP5ETACWTXX
	Red	TP5ETACRDXX
	Blue	TP5ETACBLXX
	Green	TP5ETACGNXX
	Yellow	TP5ETACYLXX
	Gray	TP5ETACGYXX

\*Replace XX with:    04 = 4'            10 = 10'            25 = 25'  
                                  07 = 7'            15 = 15'            50 = 50'

Before ordering patch cords, check the transmit and receive orientation of the hub and network interface card. Some manufacturers require a crossover of the transmit and receive pairs; others have either the hub port or NIC card reversed in advance. Some can switch between the two. Please contact the ADC technical assistance center with questions.

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### Web Site: [www.adc.com](http://www.adc.com)

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