

TrueNet®

Category 6 Ultim8™ Patch Cords



Designed for use with the Ultim8™ Termination Blocks, these patch cords allow direct patching capability from an Ultim8 block to an active device or an RJ45 patch panel. The patch cords are impedance matched for use in the TrueNet® structured cabling system, and exceed all performance requirements for Category 6. Available in Ultim8 to Ultim8 in one, two, and four pair cable assemblies, as well as Ultim8 to RJ45 assemblies in both T568A and T568B wiring.

Features:

- Exceeds TIA/EIA Category 6 requirements
- Copper conductors in the cable pairs are stranded for superior flexibility and compacted to a near-round shape for optimum signal strength
- Durable design to be in operation beyond 20-year product warranty
- UL 1863 listed and Category 6 performance verified

SPEC SHEET



www.adc.com • +1-952-938-8080 • 1-800-366-3891



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Category 6 Ultim8™ Patch Cords

Specifications

Operating Temperature Range:
RJ45 Plug Interface According to:
Transmission Performance and Reliability:

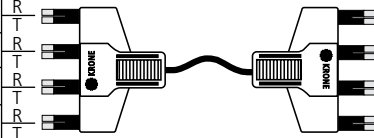
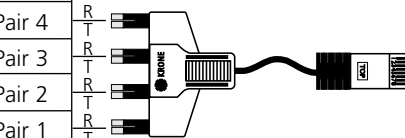
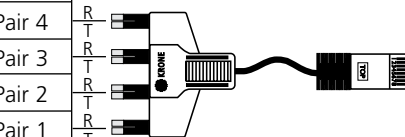
-10° to 60 °C (14° to 140 °F)
IEC 60603-7
≥ TIA/EIA 568-B.2-1 Category 6
≥ ISO 11801 Class E Standard
24 AWG 7x32 stranded tinned copper
Lead-free PVC
UL 1863
UL 94V-0

Conductor:
Jacket:
Safety Rating:
Flammability Rating:

Ultim8 4-Pair Patch Cord Assemblies

These patch cords allow for direct patching capability between Ultim8 blocks or patching from an Ultim8 block to an active device or an RJ45 patch panel.

Ordering Information

Description		Cable Color	Catalog Number*																											
Ultim8 plug to Ultim8 plug, wired straight through; wired top (cable) side only <i>Quantity: 1</i> <table><tr><td>Pair No.</td><td></td></tr><tr><td>Pair 4</td><td>R T</td></tr><tr><td>Pair 3</td><td>R T</td></tr><tr><td>Pair 2</td><td>R T</td></tr><tr><td>Pair 1</td><td>R T</td></tr></table> 		Pair No.		Pair 4	R T	Pair 3	R T	Pair 2	R T	Pair 1	R T	White	TP6TH-WTXX																	
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		Pair 4	R T																											
		Pair 3	R T																											
		Pair 2	R T																											
		Pair 1	R T																											
Blue	TP6TH-BLXX																													
Red	TP6TH-RDXX																													
Green	TP6TH-GNXX																													
Yellow	TP6TH-YLXX																													
Gray	TP6TH-GYXX																													
Ultim8 plug to RJ45 plug, T568A <i>Quantity: 1</i> <table><tr><td>RJ45 Plug Pin #</td><td>Pair No.</td><td></td></tr><tr><td>8</td><td>Pair 4</td><td>R T</td></tr><tr><td>7</td><td></td><td></td></tr><tr><td>2</td><td>Pair 3</td><td>R T</td></tr><tr><td>1</td><td></td><td></td></tr><tr><td>6</td><td>Pair 2</td><td>R T</td></tr><tr><td>3</td><td></td><td></td></tr><tr><td>4</td><td>Pair 1</td><td>R T</td></tr><tr><td>5</td><td></td><td></td></tr></table> 		RJ45 Plug Pin #	Pair No.		8	Pair 4	R T	7			2	Pair 3	R T	1			6	Pair 2	R T	3			4	Pair 1	R T	5			White	TP6TB0WTXX
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Gray	TP6TB0GYXX																													
Ultim8 plug to RJ45 plug, T568B <i>Quantity: 1</i> <table><tr><td>RJ45 Plug Pin #</td><td>Pair No.</td><td></td></tr><tr><td>8</td><td>Pair 4</td><td>R T</td></tr><tr><td>7</td><td></td><td></td></tr><tr><td>6</td><td>Pair 3</td><td>R T</td></tr><tr><td>3</td><td></td><td></td></tr><tr><td>2</td><td>Pair 2</td><td>R T</td></tr><tr><td>1</td><td></td><td></td></tr><tr><td>4</td><td>Pair 1</td><td>R T</td></tr><tr><td>5</td><td></td><td></td></tr></table> 		RJ45 Plug Pin #	Pair No.		8	Pair 4	R T	7			6	Pair 3	R T	3			2	Pair 2	R T	1			4	Pair 1	R T	5			White	TP6TB-WTXX
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Gray	TP6TB-GYXX																													

*Replace XX with:
04 = 4' 10 = 10' 25 = 25'
07 = 7' 15 = 15' 50 = 50'
Contact ADC for additional cable colors and lengths.





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Ultim8 1- and 2-Pair Patch Cord Assemblies

These patch cords provide direct patching capability using standard straight-through wiring. Ultim8 block plugs are keyed for proper insertion and have a latching mechanism to keep them secure. These patch cords are recommended for 10Base-T/Token Ring or voice installations using Ultim8 blocks.

Ordering Information

Description	Catalog Number*
Ultim8 plug to Ultim8 plug, 1-pair, wired top (cable) side only, white cable <i>Quantity: 1</i> Pair No. Pair 1 R T 	6648 2 000-XX
Ultim8 plug to Ultim8 plug, 2-pair, wired top (cable) side only, white cable <i>Quantity: 1</i> Pair No. Pair 2 R T  Pair 1 R T	6648 2 005-XX

*Replace XX with:

04 = 4'

07 = 7'

10 = 10'

15 = 15'

25 = 25'

50 = 50'



PREMIER INFRASTRUCTURE SOLUTIONS



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Fax: +1-952-917-3237 • For a listing of ADC's global sales office locations, please refer to our Web site.

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