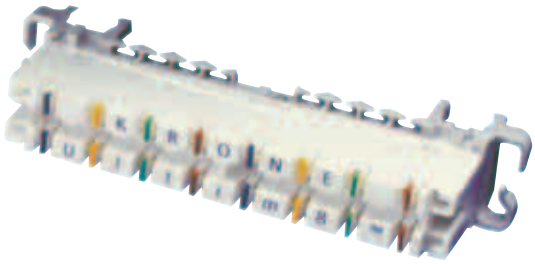
TrueNet®

Category 6 Ultim8™ Termination Blocks



A key component of the TrueNet® channel solution, ADC's highest performing termination module, offers versatility not possible with patch panels. The Ultim8™ unique center port eliminates the need to remove cables for testing and because patch cords are "temporary", the system saves thousands over traditional patched solutions. Installations are hardwired providing the cleanest, most secure, reliable and high performing Category 6 system available.

Features:

- Unmatched versatility and efficiency
- Performance exceeds TIA/EIA Category 6 requirements
- Designed to support Gigabit Ethernet transmission speeds
- Center test port allows for circuit monitoring without service disruption
- Unique Patch-by-Exception functionality saves time and money while improving performance and aesthetics
- Numerous labeling and mounting options available for any installation, large or small
- Pre-terminated blocks available for reduced installation time

SPEC SHEET

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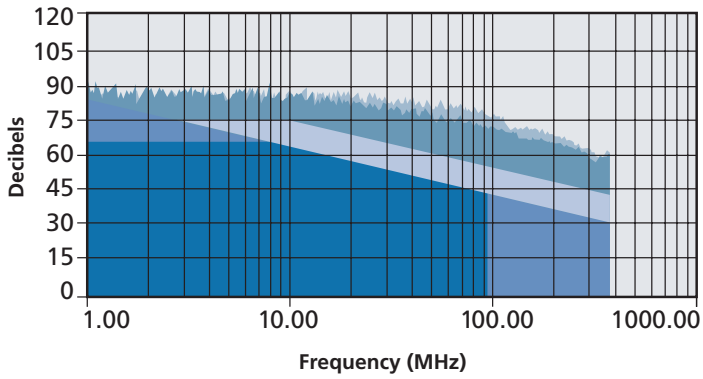
Specifications

Transmission Performance:	≥ EIA/TIA 568-B.2-1 Category 6 ≥ ISO 11801 Class E standard
Performance @ 100 MHz (Patched):	-70 dB NEXT
Performance @ 300 MHz (Patched):	-61 dB NEXT
Performance @ 100 MHz (Jumpered):	-60 dB NEXT
Contact Resistance per IDC Point:	Typically ≤ 1 mΩ
Contact Resistance per Through Connection	
Including Disconnection Point (Jumpered):	Typically ≤ 5 mΩ
Including Disconnection Point (Patched):	Typically ≤ 20 mΩ
Voltage/Current Rating at 25 °C (77 °F) Ambient:	≤ 150 VAC at 2.5A max.
Dielectric Strength:	≥ 1.5 kVAC
Surge Voltage Strength (1.2/50 µsec wave shape):	≥ 2.5 kV
Surge Current Strength (8/20 µsec wave shape):	≥ 3 kA
Insulation Resistance:	≥ 500,000 mΩ 500 VDC
Safety Rating:	UL 1863
Flammability Rating:	UL 94 V-0
Operating Temperature Range:	-40 to 60 °C (-40 to 140 °F)
Maximum Relative Humidity:	≤ 93% non-condensing
Wire Range, Solid & Stranded Copper Construction:	22 to 26 AWG 0.4 mm to 0.65 mm (0.016" x 0.025")
Number of Equal Diameter Wires per Slot:	2 max. up to 24 AWG
Wire Insulation Diameter Range (PE, PVC):	0.7 mm to 1.4 mm (0.03" to 0.06")

Typical Values								
Frequency (MHz)	1.00	8.00	10.00	31.25	62.50	100.00	200.00	350.00
NEXT (dB)	-86.2	-85.6	-85.3	-80.7	-74.1	-70.4	-65.6	-61.6

Ultim8™ NEXT Performance (Patched)



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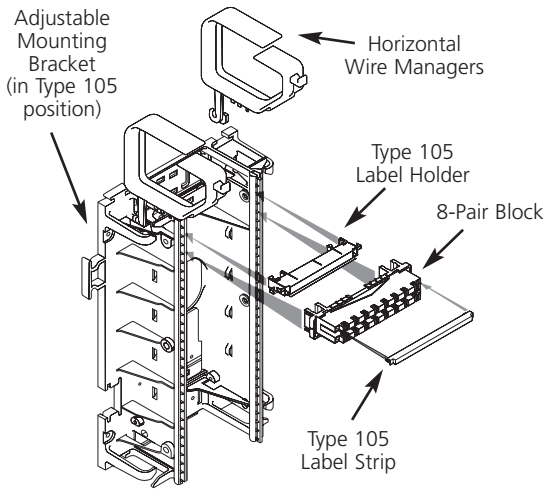
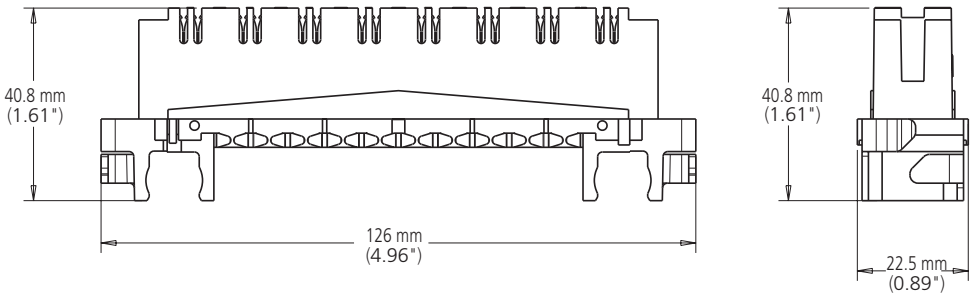
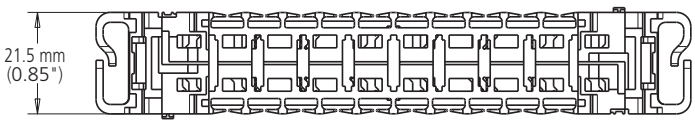
Ordering Information

Description	Dimensions (HxWxD)	Catalog Number
Ultim8 block *Quantity: 1* **8-pair;** color-coding for station pairs printed on face of block. Includes wire guides and jumper rings. Three mounting options: snap onto universal mounting bracket in Type 105 position; a Type 105 mounting bracket; Type 105 rod-mount bracket	22.5 mm x 124 mm x 41.4 mm (.88" x 4.88" x 1.63")	6468 2 060-06







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Web Site: www.adc.com

From North America, Call Toll Free: 1-800-366-3891 • Outside of North America: +1-952-938-8080
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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