wirewerks

110 Type Rack Mount Patch Panels

Description

Wirewerks™ 110-Type Rack Mount Patch Panels deliver outstanding performance, reliability, and maintainability in a universal 19" rack mount design. Precision fabricated from 16-gauge steel with a black powder-coated finish. These high-density 19" patch panels are available in 1U 24-port and 2U 48-port configurations with top, bottom or side cable entry, and are fully compatible with all standard 19" racks or cabinets.

For faster installations, each panel comes populated with 6-port connector modules pre-loaded with Wirewerks' high-performance CAT5e or CAT6 110-type connectors featuring Wirewerks' 50µin gold plated RJ45 contact blades for superior performance and reliability.

For easy installation, maintenance and administration, ports are numbered on the front panel, and each 6-port module provides customizable, write-on designation labels with protective hinged windows. The rear of each module is printed with port numbers and T568A/B color-coded termination schemes; and cable management bars are included with each patch panel.

Wirewerks 6-Port 110-type modules allow for easy, 'snap-in' replacement of modules with damaged connectors, reducing mean-time-to-repair and increasing network up-time.

Features and Benefits

Pre-loaded 6-Port CAT5e/CAT6 110-Type connector modules reduce installation time

Replaceable 'snap-in' 6-port connector modules allow faster, easier repairs

Front and rear port identification simplifies installation, maintenance and administration

Universal compatibility with 19" racks and cabinets maximizes installation flexibility

Angled termination towers for easier pair-splitting and color-coded T568A/B termination indicators reduce installation time and errors

Compatibility with standard 110-type termination tools eliminates special tools and technician training

Applications

Data Centers

Telecommunication Room

Equipment Room

Work Area

Consolidation Points

Certification and Compliance

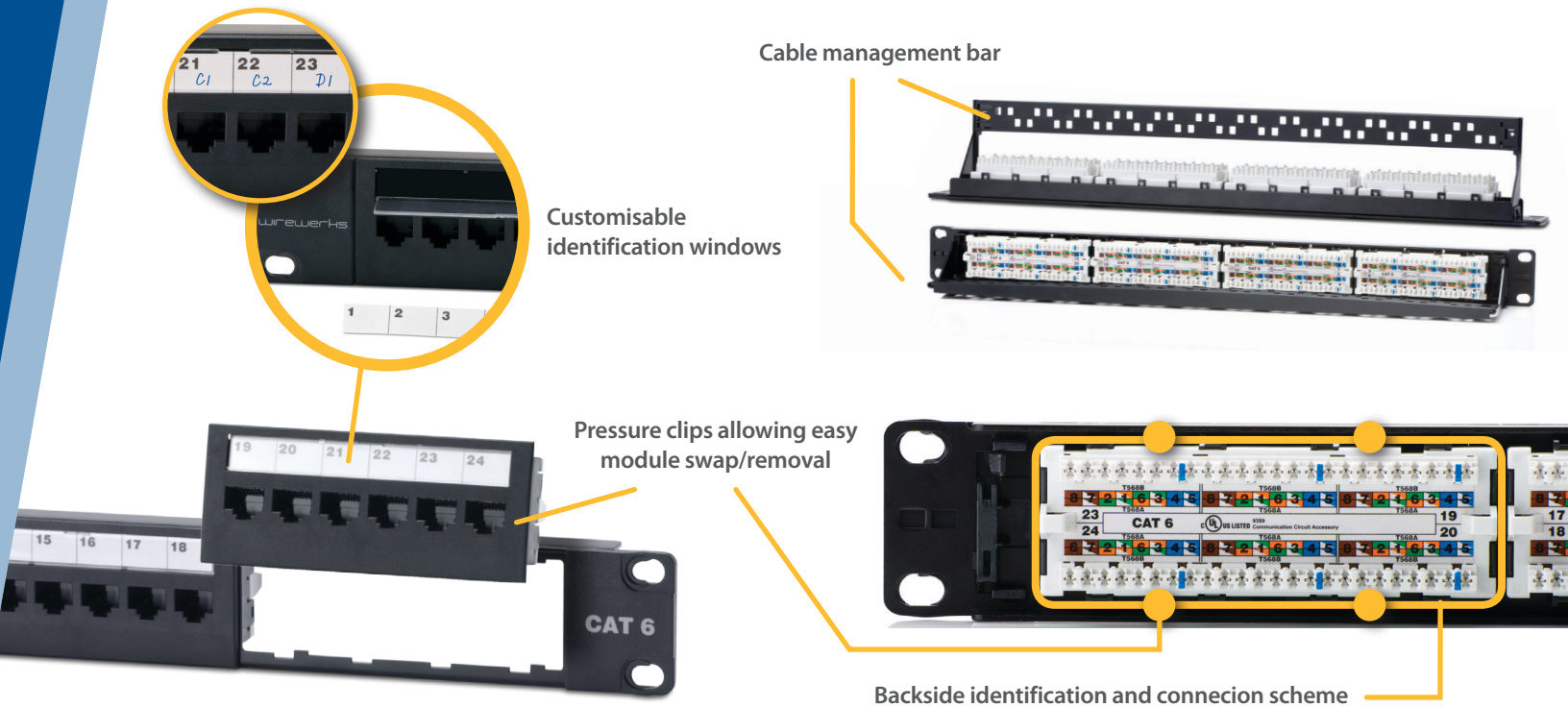|	
UL	Bi-national (Canada, US) Listed Communication Circuit Accessories
ETL Verified	To ANSI/TIA-568-C.2 with Applicable Electrical Transmission Characteristics
ANSI/TIA-568-C.2	Balanced Twisted-Pair Telecommunication Cabling and Components Standards
TIA-606-A	Administration Standard for Telecommunications Infrastructure
EIA-310-D	Requirements for Cabinets, Racks, Panels, AND Associated Equipment
FCC 47 part 68	Connection of the Terminal Equipment to the Telephone Network
RoHS	Directive on Restriction of Hazardous Substances

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RoHS

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Customisable identification windows

Cable management bar

Pressure clips allowing easy module swap/removal

CAT 6

Backside identification and connecion scheme

Part Number	Description
WW000800	CAT5e 110 Patch Panel, 1U/ 24 port, black, T568A/B
WW000801	CAT5e 110 Patch Panel, 2U/ 48 port, black, T568A/B
WW000810	CAT6 110 Patch Panel, 1U/ 24 port, black, T568A/B
WW000811	CAT6 110 Patch Panel, 2U/ 48 port, black, T568A/B

Physical Characteristics

Parameter	Value
Material (Panel)	16 Gauge Cold Rolled Steel, ABS UL 94 V-0 Plastic (Housing)
Material (Spring-Wire)	Phosphor Bronze Alloy Plated with 50µin Gold over 100µin of Nickel
Material (IDC)	Phosphor Bronze Alloy with 100µin 100% Tin alloy
Storage Temp	Min -40°C (-40°F) Max 70°C (158°F)
Operation Temp	Min -20°C (4°F) Max 60°C (140°F)
Dimensions (without management bar)	1U : 19" X 1.75" X 1.35" 2U : 19" X 3.5" X 1.35"

Mechanical Characteristics

Parameter	Value
Plug Retention	50 N (11 lbf) for 60 seconds
Mating Cycles	≥750 Cycles
IDC Wire Gauge	22-24 AWG

Electrical Characteristics

Parameter	Value
Insulation Resistance	≥500 MΩ at 100 V DC
Dielectric Withstanding Voltage	1000 V DC or AC Peak Contact-to-Contact at 60 Hz for 60 seconds
Spring Wire Contact Resistance	≤20 mΩ
IDC Wire Contact Resistance	≤2.5 mΩ

What is included

1U
24 X Tie-Wrap 4" Long
1 X Cable Management Bar
4 X 6-Port Blank Labels
Instruction manual
4 X Phillips 10-32 Screw,1/2" Long
4 X Phillips 12-24 Screw,1/2" Long

2U
48 X Tie-Wrap 4" Long
2 X Cable Management Bar
8 X 6-Port Blank Labels
Instruction manual
4 X Phillips 10-32 Screw, ½" Long
4 X Phillips 12-24 Screw, ½" Long