

OPEN DECconnect Super-5 Patch Panels

The highest performance for Category 5 applications



To maximize your network performance, get the Category 5 unshielded twisted pair (UTP) patch panels that exceed TIA/EIA 568A performance specifications — Digital's OPEN DECconnect Super-5 Patch Panels. Our fully tested, standards-compliant modules are optimized for 100 MHz data channels and exceed worst-pair near-end crosstalk requirements for Category 5. So, exceed your expectations — with the performance, reliability, and flexibility of OPEN DECconnect Super-5 Patch Panels.

maximum performance and reliability. There is no better system for ensuring transmission quality and integrity.

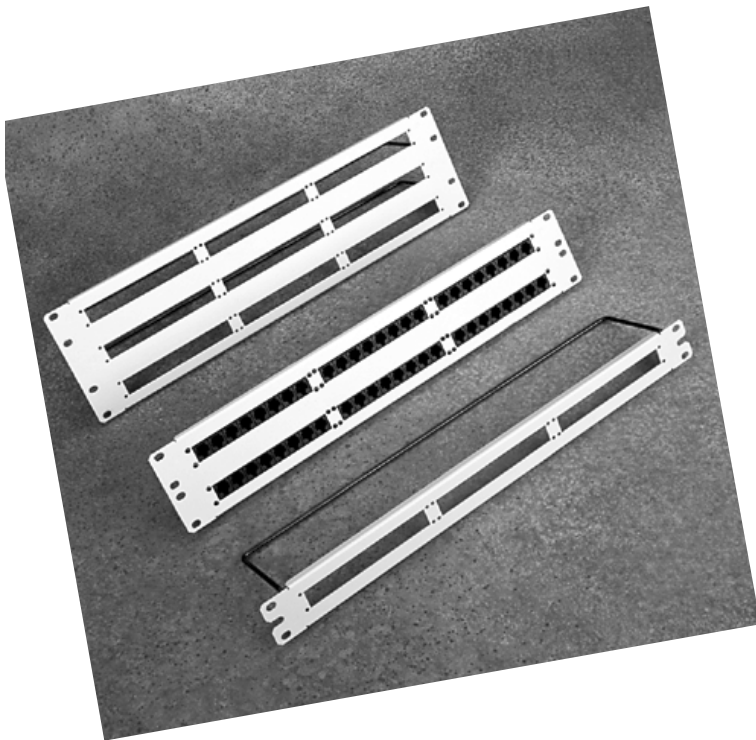
Available in 24, 48, and 72-port configurations, panels can be ordered loaded or unloaded for custom configurations. Each panel comes ready for flush mounting in a standard 19-inch rack with color-coded labels included.

Benefits

- Optimized for high-performance applications, exceeding TIA/EIA 568A Category 5 specifications
- Supports ATM applications up to 155 Mb/s
- Part of the comprehensive OPEN DECconnect structured wiring system to support all your wiring needs
- Backed by Digital's worldwide distribution and support network
- 15-Year Application Assurance Warranty

Digital's *enVISON* network architecture is designed for easy, flexible configurations to support dynamic network environments. The OPEN DECconnect Super-5 Patch Panels give you the flexibility you need to accommodate growth and change, with the performance capabilities to support your most demanding applications.

OPEN DECconnect Super-5 Patch Panels are preconfigured with Digital's performance-leading Category 5 UTP modules. Each module is TIA/EIA-compliant and UL-certified and optimized for





Performance results

The critical parameters that affect performance of connecting hardware over a frequency range of 1 MHz to 100 MHz are near-end crosstalk, return loss, and attenuation. Of these, the most important consideration is near-end crosstalk. Digital's OPEN DECconnect Preconfigured Super-5 Patch Panels exceed the near-end crosstalk requirements for Category 5 as shown below.

Near-end crosstalk frequency (MHz)	TIA/EIA specification	Measured performance of Super-5 UTP module (H3117-LA)
1.0	>65	83.8
4.0	>65	72.4
8.0	62	66.3
10.0	60	64.4
16.0	56	60.9
20.0	54	58.5
25.0	52	56.5
31.25	50	54.6
62.5	44	48.9
100.0	40	45.6

Technical data

Modular jacks	110 insulation displacement connector
Contact plating 50 micro-inches gold	Terminations solid 22–26 AWG
8-pin, 4 pair	Insertion force 24 AWG — 13–23 lb
Pin out T568A	Accepts wire 22–26 AWG

Environmental compatibility

Functional for continuous use in the temperature range of -10°C (14°F) to 60°C (140°F).

Ordering information

Part number	# of ports	Wiring	Dimensions/descriptions
H3108-BD	24	N/A	4.5 cm (1.75 in) × 48.3 cm (19 in)/ rack mount, 1U
H3108-BH	48	N/A	8.9 cm (3.5 in) × 48.3 cm (19 in)/ rack mount, 2U
H3108-BJ	72	N/A	13.2 cm (5.37 in) × 48.3 cm (19 in)/ rack mount, 1U
H3109-BD	24	T568A	4.5 cm (1.75 in) × 48.3 cm (19 in)/ rack mount, 1U
H3109-BH	48	T568A	8.9 cm (3.5 in) × 48.3 cm (19 in)/ rack mount, 2U
H3109-BJ	72	T568A	13.2cm (5.25 in) × 48.3 cm (19 in)/ rack mount, 3U

Options

Part number	Ports	Wiring	Dimensions/descriptions
H3108-BK			Strain relief bar
H3109-AC			Rack mounting hardware, 20 screws and u-nuts for 4 panels
H3117-LA	8	T568A	UTP, 110-8MJ, Category 5
H3117-LB	8	T568A	ScTP (FTP), 110-8MJ, Category 5 (Screened or Foiled Twisted Pair)
H3117-LC	8	T568B	UTP, 110-8MJ, Category 5
H3117-LD	8	T568B	ScTP (FTP), 110-8MJ, Category 5 (Screened or Foiled Twisted Pair)
H3117-MA	8	N/A	UTP, CAT 3, 50 PIN-8MJ
H3117-NB	8	N/A	UTP, CAT 3, 8MJ-8MJ
H3117-NC	8	T568A	UTP, 8MJ-8MJ, Category 5
H3117-SA	8	Fiber	4-dual ST multimode couplers
H3117-SC	8	Fiber	4-dual SC multimode couplers
H3117-SD	8	Fiber	4-dual SC single mode couplers

For more information

For more information about Digital's OPEN DECconnect Super-5 Patch Panels and our complete family of network products, or for the name of the Digital reseller nearest you, call 800-457-8211 throughout North America; worldwide, call +1 508-692-2562.

Visit us on the World Wide Web

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