

OPEN DECconnect Patch Panel family

Maximum flexibility for multiple cabling media and mounting configurations



For maximum flexibility, with uncompromised reliability and adherence to standards — look to the OPEN DECconnect family of patch panels. Digital offers a complete line of patch panels, supporting a wide range of configurations and cabling media. Our unique design speeds installation and maintenance, while supporting the maximum port densities available. And removable modules permit mixed media to support complex network environments.

to the rear of the patch panel for hassle-free installation and maintenance. It's fast, easy, and absolutely reliable.

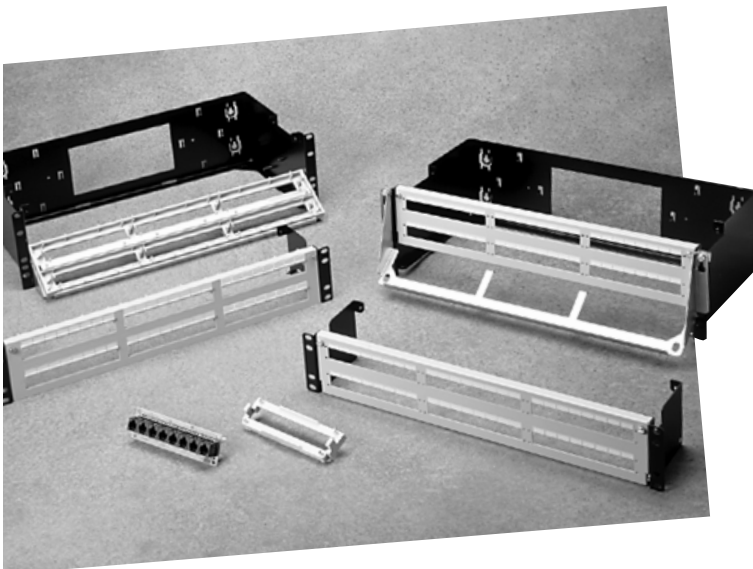
OPEN DECconnect metal patch panels can be ordered fully loaded with UTP, Category 5 modules or unloaded for custom applications. The panels are specifically designed to be rack mounted, wall mounted, or integrated with the OPEN DECconnect Modular Mounting System, supporting both flush or recessed mounting.

Benefits

- Provides the most flexible patch panel solution available
- Reduces labor time and costs with snap-in modules
- Simplifies installation and maintenance with patented hinged front access
- Optimizes the value of all your network investments as part of the comprehensive OPEN DECconnect structured wiring system
- 15-Year Application Assurance Warranty

Flexibility is at the heart of Digital's *enVISN* network architecture, and that's just what OPEN DECconnect patch panels deliver — the most flexible solution available.

The comprehensive OPEN DECconnect structured wiring system includes patch panels that are available in both plastic and metal versions, each supporting densities up to 48 ports. They support any of Digital's snap-in fiber or Category 5 modules, which install in seconds. And our patented swing-down system allows easy access



Options

Part number	Ports	Wiring	Dimensions/descriptions
H3108-HA			Patch panel filler blanks
H3108-K*			Color coding kits for plastic panels *color option
H3108-TA			Slide-in work surfaces
H3108-TB			Hanging work surface for BB/PB panels (use H3108-TH)
H3108-TH			Shoulder screws for H3108-TB
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 (Shielded/Foiled twisted pair)
H3117-LC	8	T568B	UTP, 110-8MJ, Category 5
H3117-LD	8	T568B	ScTP (FTP), 110-8MJ, Category 5 (Shielded/Foiled twisted pair)
H3117-MA	8	N/A	UTP, 50 PIN-8MJ, CAT 3
H3117-NB	8	N/A	UTP, 8MJ-8MJ, CAT 3
H3117-NC	8	T568A	UTP, 8MJ-8MJ, Category 5
H3117-PA	8	ThinWire	Couplers
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
H3117-UB			Compatibility brackets for metal panels and H3117-LA/LC modules

Ordering information

Part number	# of ports	Wiring	Dimensions/descriptions
H3108-BB	48	N/A	8.9 cm (3.5 in) × 48.3 cm (19 in) × 10.2 cm (4 in)/metal panel, rack mount only, 2U
H3108-BC	48	N/A	8.9 cm (3.5 in) × 48.3 cm (19 in) × 22.9 cm (9 in)/Metal panel rack or wall mount, 3U
H3108-PA	48	N/A	8.9 cm (3.5 in) × 48.3 cm (19 in) × 22.9 cm (9 in)/Plastic panel rack or wall mount, 3U
H3108-PB	48	N/A	4.5 cm (1.75 in) × 48.3 cm (19 in) × 10.2 cm (4 in)/plastic panel
H3109-BB	48	T568A	8.9 cm (3.5 in) × 48.3 cm (19 in) × 10.2 cm (4 in)/metal panel, rack mount only, 2U
H3109-BC	48	T568A	8.9 cm (3.5 in) × 48.3 cm (19 in) × 22.9 cm (9 in)/metal panel rack or wall mount, 3U

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).

For more information

For more information about Digital's OPEN DECconnect Patch Panel Family 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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