

Applications

Prose 1HU 24 ports modular patch panel is designed for high density cabling application. It is compatible with Prose full series keystone jacks. It has high performance and is widely used in data center cabling system.

Characteristic

- Meet and exceed the requirements of ANSI/TIA-568.2-D for Cat5e, Cat6, Cat6A, etc..
- With rear cable manager which makes cabling managements easier and more convenient.
- Snap-in design for easy installation and maintenance.
- Convenient and clear marking.
- Be compatible with various keystones.
- Compliant to ISO/IEC11801.



Patch Panel, Standard, Without Dust Cover



Patch Panel, With Dust Cover



Patch Panel, Angled, Without Dust Cover

Cat5e Patch Panel

Physical Performance

- | | |
|-----------------------------|---|
| • RJ45 pin contact material | Phosphor bronze with 50u" gold plating |
| • IDC contact material | Phosphor bronze with silver or nickel plating |
| • Wire | AWG 22 ~ 26 |
| • Life (plug in /out) | ≥750 times |
| • IDC life | ≥200 times |

Electrical Performance at 20°C - Cat5e

- Voltage rating 125 VAC RMS
- Current rating 1.5 AMP
- Contact resistance 20 mΩ Max.
- Insulation resistance 100MΩ Min. @ 500V DC
- Dielectric strength 750V AC RMS 60Hz 1MIN
- Unbalance capacitance ≤330pF/100m

Frequency (MHz)	Attenuation (dB/100m)	NEXT (dB)	RL (dB)	PSNEXT (dB)	ELFEXT (dB)	PSELFEXT (dB)
	Max.	Min.	Min.	Min.	Min.	Min.
1.0	0.10	65.0	30.0	62.3	63.8	60.8
4.0	0.10	65.0	30.0	53.3	51.7	48.7
8.0	0.11	64.9	30.0	48.8	45.7	42.7
10.0	0.13	63.0	30.0	47.3	43.8	40.8
16.0	0.16	58.9	30.0	44.3	39.7	36.7
20.0	0.18	57.0	30.0	42.8	37.7	34.7
25.0	0.20	55.0	30.0	41.3	35.8	32.8
31.25	0.22	53.1	30.0	39.9	33.9	30.9
62.5	0.32	47.1	24.1	35.4	27.8	24.8
100.0	0.40	43.0	20.0	32.3	23.8	20.8

Cat6 Patch Panel

Mechanical Performance

- RJ45 pin contact material Phosphor bronze with 50u" gold plating
- IDC contact material Phosphor bronze with silver or nickel plating
- Wire AWG 22 ~ 26
- Life (plug in /out) ≥750 times
- IDC life ≥200 times

Electrical Performance at 20°C

- Voltage rating 125 VAC RMS
- Current rating 1.5 AMP
- Contact resistance 20 mΩ Max.
- Insulation resistance 100MΩ Min. @ 500V DC
- Dielectric strength 750V AC RMS 60Hz 1MIN

1HU 24 Ports Modular Patch Panel

CPXX-X11-1X

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- Unbalance capacitance $\leq 330\text{pF}/100\text{m}$

Frequency (MHz)	Attenuation (dB/100m)	NEXT (dB)	RL (dB)	PSNEXT (dB)	ELFEXT (dB)	PSELFEXT (dB)
	Max.	Min.	Min.	Min.	Min.	Min.
1.0	0.1	75.0	30.0	73.0	83.1	80.1
4.0	0.1	75.0	30.0	72.3	71.1	68.1
8.0	0.1	75.0	30.0	71.0	66.1	65.4
10.0	0.1	74.0	30.0	70.0	63.1	60.1
16.0	0.1	69.9	30.0	65.9	59.0	56.0
20.0	0.1	68.0	30.0	64.0	57.1	54.1
25.0	0.1	66.0	30.0	62.2	53.2	52.6
31.25	0.11	64.1	30.0	60.1	50.0	50.2
62.5	0.16	58.1	28.1	54.1	47.2	44.2
100.0	0.20	54.0	24.0	50.0	43.1	40.1
200.0	0.28	48.0	18.0	44.0	37.1	34.1
250.0	0.32	46.0	16.0	42.0	35.1	32.1

Cat6A Patch Panel

Mechanical Performance

- RJ45 pin contact material Phosphor bronze with 50u" gold plating
- Wire AWG 22 ~ 26
- Life (plug in /out) ≥ 750 times
- IDC life ≥ 200 times
- Housing material PC UL94V-0
- Insert material PBT+20%GF UL94V-0
- PCB material FR-4

Electrical Performance at 20°C

- Voltage rating 125 VAC RMS
- Current rating 1.5 AMP
- Contact resistance 20 mΩ Max.
- Insulation resistance 100MΩ Min. @ 500V DC
- Dielectric strength 750V AC RMS 60Hz 1MIN
- Unbalance capacitance $\leq 330\text{pF}/100\text{m}$

Frequency (MHz)	Attenuation (dB/100m)	NEXT (dB)	RL (dB)	PSNEXT (dB)	PSANEXT (dB)	FEXT (dB)	PS AFEXT (dB)
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1HU 24 Ports Modular Patch Panel

CPXX-X11-1X

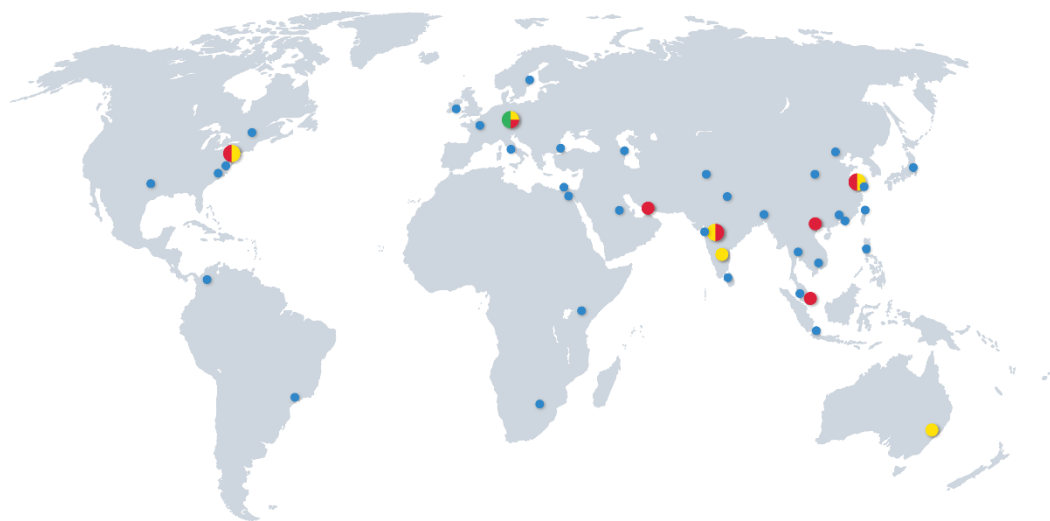
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	Max.	Min.	Min.	Min.	Min.	Min.	Min.
1	0.10	75.0	30.0	73.0	67.0	75.0	67.0
4	0.10	75.0	30.0	72.3	67.0	71.1	67.0
8	0.10	75.0	30.0	71.0	67.0	65.0	67.0
10	0.10	74.0	30.0	70.0	67.0	63.1	67.0
16	0.10	69.9	30.0	65.9	67.0	59.0	67.0
20	0.10	68.0	30.0	64.0	67.0	57.1	67.0
25	0.10	66.0	30.0	62.2	67.0	55.1	67.0
31.25	0.11	64.1	30.0	60.1	67.0	53.2	67.0
62.5	0.16	58.1	30.0	54.1	67.0	47.2	67.0
100	0.20	54.0	28.0	50.0	67.0	43.1	67.0
200	0.28	48.0	22.0	44.0	64.5	37.1	61.0
250	0.32	46.0	20.0	42.0	62.5	35.1	59.0
300	0.35	42.9	18.5	38.9	61.0	33.6	57.5
400	0.40	37.9	16.0	33.9	58.5	31.1	55.0
500	0.45	34.0	14.0	30.0	56.5	29.1	53.0

Ordering Information

Order Number	Description
CP00-111-1E	Patch Panel, Modular, UTP, 1HU 24-port, unloaded
CP00-212-1E	Patch Panel, Modular, Shielded, With Dust Cover, 1HU 24-port, unloaded
CP00-211-2E	Patch Panel, Angled, Modular, Shielded, Without Dust cover, 1HU 24-port, unloaded
CP60-111-11	Patch Panel, 1U 24P, Cat6 Unshielded, Modular, Loaded with 24pcs Modular
CP60-112-11	Patch Panel, 1U 24P, Cat6 Unshielded, With Dust Cover, Loaded with 24pcs Modular
CP60-211-21	Patch Panel, 1U 24P, Cat6 Shielded, Angled, Without Dust cover, Loaded with 24pcs Modular
CP6A-111-11	Patch Panel, 1U 24P, Cat6A Unshielded, Modular, Loaded with 24pcs Modular
CP6A-112-11	Patch Panel, 1U 24P, Cat6A Unshielded, With Dust Cover, Loaded with 24pcs Modular
CP6A-211-21	Patch Panel, 1U 24P, Cat6A Shielded, Angled, Without Dust cover, Loaded with 24pcs Modular
CP5E-111-11	Patch Panel, 1U 24P, Cat5e Unshielded, Modular, Loaded with 24pcs Modular
CP5E-112-11	Patch Panel, 1U 24P, Cat5e Unshielded, With Dust Cover, Loaded with 24pcs Modular
CP5E-211-21	Patch Panel, 1U 24P, Cat5e Shielded, Angled, Without Dust cover, Loaded with 24pcs Modular

GLOBAL FOOTPRINT



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