

Technical Data Sheet

Rosenberger

Cat6 Modular Patch Panel

CP41-X31-XX

Applications

Rosenberger CAT6 modular patch panels are designed for unshielded and shielded cabling system with excellent performance and easy installation. They are compatible with all HDCS[®] modules, meanwhile have extremely high flexibility, adaptability and maximally integrated design. It is available in 24 ports.

- 10baseT Ethernet
- 100baseTX Fast Ethernet
- 1000baseTX Gigabit Ethernet
- 155Mbit ATM
- 622Mbit ATM
- TR-16 Active
- TR-16 Passive

Performance

- Exceed the specification of ANSI/TIA-568C.2 category 6 requirements.
- Outstanding performance,(including IR, NEXT, FEXT and RL), which ensure the high link performance,
- Delivered with plastic cable management bar,installation screws and labelling system
- Providing unshielded and shielded version for Class E solution.



UTP Modular Patch Panel



FTP Modular Patch Panel

Warranty

25 years of total warranty system guarantee the Rosenberger HDCS[®] for True Class E system.*

*Please check the detail warranty documents for more information.

Electrical & Mechanical Performance

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

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Gold plating thickness $\geq 50\mu$ **Electrical Performance at 20°C**

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	75.0	30.0	73.0	83.1	80.1
4.0	0.10	75.0	30.0	72.3	71.1	68.1
8.0	0.10	75.0	30.0	71.0	66.1	65.4
10.0	0.10	74.0	30.0	70.0	63.1	60.1
16.0	0.10	69.9	30.0	65.9	59.0	56.0
20.0	0.10	68.0	30.0	64.0	57.1	54.1
25.0	0.10	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

Ordering Information

Order Number	Description
CP41-431-03	CAT6 UTP Modular Patch Panel, 24-port (with keystones)
CP41-431-03-P	CAT6 UTP Modular Patch Panel, 24-port (with Pegasus keystones)
CP41-431-03-E	CAT6 UTP Modular Patch Panel, 24-port (without keystones)
CP41-431-03N	CAT6 UTP Modular Patch Panel, 24-port (with keystones)
CP41-431-03N-P	CAT6 UTP Modular Patch Panel with dust cover, 24-port (with Pegasus keystones)
CP41-431-03N-E	CAT6 UTP Modular Patch Panel with dust cover, 24-port (without keystones)
CP41-331-03N	CAT6 FTP Modular Patch Panel with dust cover, 24-port (with keystones)
CP41-331-03N-E	CAT6 FTP Modular Patch Panel with dust cover, 24-port (without keystones)

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

Draft	Date	Checker	Approved	Date	Rev.	Engineering change number	Name	Date
Candy	2014-1-3	Joe	Steven	2014-2-8	100	NEW	Robin	2014-3-31

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