

SLPPU6A1U24F

Patch Panel Category 6A UTP 1U-24-Port Loaded

General standards

- International standard: ISO/IEC 11801 2nd edition (2002) and ISO/IEC 11801 Amendment 2 (2010)
- European standard: EN 50173-1 (2002) and EN 50173-1 Amendment 1 (2009)
- U.S. Standard: ANSI/TIA/EIA 568-B.2-10 (2008)

Description

- 10GX Cat6 Patch Panel, 24-Port, 1U, Black Loaded

Physical dimensions

1- Materials

Steel Panel

2- Access

Front Connection: Flush
Termination Area: Rear

3- Capacity

24 connectors (Patch Panel is already loaded)

4- Dimensions

Height: 1.750 in.
Width: 19.000 in.
Depth: 1.300 in.

5- Weight

1.350 lbs.

6- Color

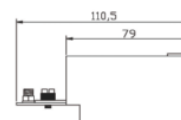
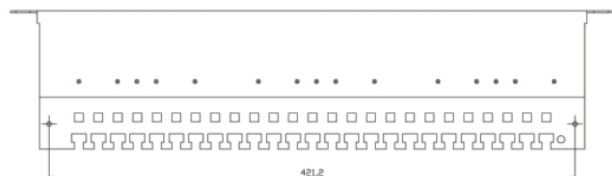
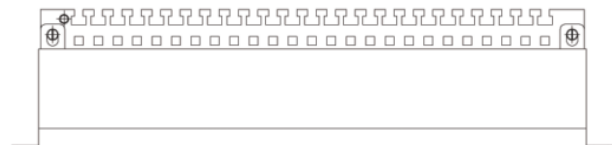
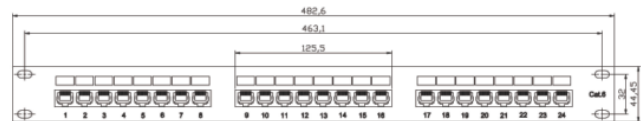
Black

7- Termination area

Indoor

8- Packaging

Individually packaged in a cardboard box.



Electrical characteristics

Frequency (MHz)	Max. Insertion Loss TIA* (dB)	Max. Insertion Loss Fumo** (dB)	Min. NEXT TIA* (dB)	Min NEXT Fumo** (dB)	Min FEXT TIA* (dB)	Min FEXT Fumo* (dB)
1.000	0.100	0.050	75.000	77.000	75.000	80.000
4.000	0.100	0.050	75.000	77.000	71.100	75.100
8.000	0.100	0.050	75.000	77.000	65.000	69.100
10.000	0.100	0.050	74.000	77.000	63.100	67.100
16.000	0.100	0.060	69.900	72.900	59.000	63.000
20.000	0.100	0.070	68.000	71.000	57.100	61.100
25.000	0.100	0.080	66.000	69.000	55.100	59.100
31.250	0.110	0.090	64.100	67.100	53.200	57.200
62.500	0.160	0.140	58.100	61.100	47.200	51.200
100.000	0.200	0.180	54.000	57.000	43.100	47.100
200.000	0.280	0.260	48.000	51.000	37.100	41.100
250.000	0.320	0.300	46.000	49.000	35.100	39.100
300.000	0.350	0.330	42.900	46.700	33.600	37.600
400.000	0.400	0.380	37.900	42.900	31.100	35.100
500.000	0.450	0.430	34.000	40.000	29.100	33.100
625.000		0.480		37.100		31.200

Frequency (MHz)	Min. Return Loss TIA* (dB)	Min. Return Loss Fumo** (dB)	Min. PSANEXT TIA* (dB)	Min. PSANEXT Fumo** (dB)	Min. PSAACRF TIA* (dB)	Min. PSAACRF Fumo** (dB)	Min. Balanced TCL TIA* (dB)	Min. Balanced TCL Fumo** (dB)
1.000	30.000	34.100	70.500	72.000	67.000	72.000	40.000	45.000
4.000	30.000	34.100	70.500	72.000	67.000	72.000	40.000	45.000
8.000	30.000	34.100	70.500	72.000	67.000	72.000	40.000	45.000
10.000	30.000	34.100	70.500	72.000	67.000	72.000	40.000	45.000
16.000	30.000	34.100	70.500	72.000	67.000	72.000	40.000	45.000
20.000	30.000	34.100	70.500	72.000	67.000	72.000	40.000	45.000
25.000	30.000	34.100	70.500	72.000	67.000	72.000	40.000	45.000
31.250	30.000	34.100	70.500	72.000	67.000	72.000	38.100	45.000
62.500	30.000	34.100	70.500	72.000	67.000	72.000	32.100	39.100
100.000	28.000	30.000	70.500	72.000	67.000	72.000	28.000	35.000
200.000	22.000	24.000	64.500	66.000	61.000	66.000	22.000	29.000
250.000	20.000	22.000	62.500	64.000	59.000	64.000	20.000	27.000
300.000	18.500	20.500	61.000	62.500	57.500	62.500	18.500	25.500
400.000	16.000	18.000	58.500	60.000	55.000	60.000	16.000	23.000
500.000	14.000	16.000	56.500	58.000	53.000	58.000	14.000	21.000
625.000		13.000		56.100		56.100		19.100



Specifications

Dielectric Strength	1,000 V RMS @ 60 Hz for 1 minute (Signals to Ground)
Current Rating	1.300 A
Insulation Resistance	500 M-ohm Minimum
Max. Contact Resistance	20 m-ohm
Termination Resistance	2.5 m-ohm

Mechanical Characteristics (Connectivity)

Specifications

Footprint/Type	KeyConnect
Plug / Jack Compatibility	RJ45
Termination Interface (Connection): Front mated Connection	750 Cycles
Termination Interface (Connection): Rear mated Connection	20 Cycles
Cable/Connector Retention	15 lbs.
Connector/Hardware Retention	20 lbs.
Plug/Connector Retention	11.250 lbs.
Storage Temperature Range	-40°C To +70°C
Installation Temperature Range	-10°C To +60°C
Operation Temperature Range	-10°C To +60°C
Tool Compatibility	REVConnect Termination Tool (RVUTT01)

Product Family

Item Number	Description
SLPPU6A1U24F	10GX Cat6A Patch Panel, 24-Port, 1U, Black Loaded
SLPPU6A2U48F	10GX Cat6A Patch Panel, 48-Port, 2U, Black Loaded
SLPPU6A2U72F	10GX Cat6A Patch Panel, 72-Port, 2U, Black Loaded

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