GIGANEED

TECHNICAL DATASHEET

CAT 6 PATCH PANEL

Cat 6 UTP patch panels

24-port 19" 1U rack panel · 12-port wall-mount panel

CABLE TODAY · WONDERFUL TOMORROW

Cat 6 | UTP | 24 ports 1U | 12 ports wall | 110 / Krone | T568A / T568B

OVERVIEW

GI-CUPATCH-L6U groups two loaded Cat 6 UTP patch panels. The 24-port version fits a 19" rack in one unit and connects the active equipment to the horizontal cabling. The 12-port version is made for surface mounting or installation under a raised floor, where no rack is available. Both have a black polycarbonate body, gold-plated contacts and colour-coded termination for T568A or T568B with 110 or Krone tools.



Product image for illustration.

KEY SPECIFICATIONS

Category	Cat 6, unshielded (UTP)
Versions	24 ports 19" 1U · 12 ports wall
Body	Polycarbonate, black
Contacts	Bronze, 50 µin gold over 100 µin nickel
Conductor	22–26 AWG
Operating temperature	–20 °C to +60 °C
Wiring	Colour-coded T568A / T568B

MECHANICAL AND ELECTRICAL DATA

Insulation resistance	Contact resistance	Plug retention	Durability
500 MΩ	20 mΩ	140 N	750 cycles

FEATURES

- Exceeds the Cat 6 requirements of the standards
- Adapts easily to every format and environment
- Quick termination with 110 or Krone tools
- Rack version: 24 ports in 1U
- Wall version: surface or under-floor mounting

STANDARDS

- ISO/IEC 11801
- ANSI/TIA/EIA-568-B.2
- CENELEC EN 50288-3 · EN 50173:2002 · EN 50167 · EN 50169

APPLICATIONS

- 10BASE-T, 100BASE-TX, 100BASE-T4
- 1000BASE-T (Gigabit Ethernet)
- ISDN and broadband
- Token Ring 4/16 and 100 Mbit/s

FREQUENCY PERFORMANCE

Frequency	SRL	Attenuation	NEXT	PS-NEXT
(MHz)	dB	dB/100 m	dB	dB
0.772	—	1.8	67.0	64.0
1	20.0	2.0	65.3	62.3
4	23.0	4.1	56.3	53.3
8	24.0	5.8	51.8	48.8
10	25.0	6.5	50.3	47.3
16	25.0	8.2	47.3	44.3
20	25.0	9.3	45.8	42.8
25	24.2	10.4	44.3	41.3
31.25	23.3	11.7	42.9	39.9
62.5	20.7	17.0	38.4	35.4
100	19.1	22.0	35.3	32.3
200	18.0	29.2	40.8	37.8
250	17.3	33.0	39.3	36.3

Values as published by the manufacturer.

VERSIONS

Version	Ports	Mounting	Pack
19" rack panel	24 × RJ45	1U rack	1
Wall-mount panel	12 × RJ45	Surface / under floor	1

Specifications may change without notice. Ref. GI-CUPATCH-L6U.