

Part Number: PL-PP24UU



1. GENERAL DESCRIPTION

A 19-inch, 1U unloaded patch panel providing 24 openings for compatible PLANET unshielded keystone jacks. The panel is a passive mechanical mounting and cable-management component. It does not establish a Category 6 or Class E channel rating by itself; installed jacks, horizontal cable, patch cords, workmanship and final field testing determine the completed link/channel performance.

24 PORTS Unloaded panel	1U HEIGHT 44.45 mm rack unit	19-INCH 482.6 mm series	UNSHIELDED Keystone style
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2. PRODUCT HIGHLIGHTS

- 24 front-access ports with sequential 1-24 identification and a replaceable/writable label area.
- Designed for PLANET unshielded keystone jacks P/N PL-KE6UPD and PL-KE6UTL; other jack styles require mechanical-fit approval.
- Removable rear cable-management bar with cable-tie locations for strain control and organized routing.
- Standard 482.6 mm (19-inch) rack/cabinet format in 1U nominal rack height.
- Unshielded architecture: no shield termination, shield continuity or screened-channel claim.
- RoHS compliance declared for the product; exact material documentation is available upon request.

TECHNICAL SPECIFICATIONS

24 PORT | 1U | UNLOADED

3. TECHNICAL SPECIFICATIONS

Parameter	Specified Requirement / Technical Scope
Product type	24-port unloaded / modular patch panel for unshielded keystone jacks
Part number	PL-PP24UU
Port capacity	24 ports in one horizontal row; numbered 1 through 24
Rack format	482.6 mm (19-inch) series; front rack/cabinet mounting
Rack height	1U nominal rack unit (44.45 mm); actual panel envelope shall follow the approved mechanical drawing
Compatible jacks	PLANET PL-KE6UPD and PL-KE6UTL unshielded keystone jacks
Port interface	PLANET keystone aperture; exact cut-out/retention dimensions controlled by the approved drawing and fit test
Panel construction	Metal frame with corrosion-resistant powder-coated finish; exact material, thickness and colour controlled by the approved order/drawing
Cable management	Removable rear cable-management bar with tie points; maintain cable bend radius and avoid over-tight ties
Port identification	Sequential 1-24 numbering with front label strip / identification area
Shielding / bonding	Unshielded panel; no screened-jack bonding path or shield-continuity rating. Bond rack/cabinet only as required by project and local rules
Category / transmission	No standalone Category 6 electrical claim for the empty panel. Completed link/channel performance depends on installed connectivity and field test
PoE / remote power	Passive mounting component; no standalone current rating. Suitability depends on installed jacks, cable, bundling, ambient conditions and channel design
Installation environment	Indoor dry telecommunications room, rack or cabinet. No IP, outdoor, UV, plenum or flame-classification claim unless separately documented
Overall depth / weight	Controlled by the approved mechanical drawing and packing list; confirmation available upon request
Package contents	Patch panel and removable cable-management bar; mounting hardware only when stated on the purchase order / packing list

4. STANDARDS AND TECHNICAL SCOPE

Reference	Status / Application
IEC 60297-3-100:2008	Mechanical reference for the 482.6 mm (19-inch) rack/panel interface
ANSI/TIA-568.2-E (2024)	Balanced twisted-pair cabling and component reference; applies to completed cabling/connectivity performance, not to the empty metal panel alone
ISO/IEC 11801-1:2017, including Amd 1:2025	Generic-cabling system reference; Class E performance requires compatible Category 6 components and verified installed-link/channel results
IEC 60603-7-4:2010	Category 6 unshielded 8-way connector reference for installed compatible jacks only
RoHS / REACH	RoHS compliant as declared for PL-PP24UU. Exact material declaration and any REACH statement shall identify the ordered part number and finish
UL / ETL / CE / CPR	No claim in the base datasheet without a valid document for the exact ordered part number and construction

Packing:

Carton	20 PCS
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