

Part Number: PL-PA24SU



1. GENERAL DESCRIPTION

A 19-inch, 1U unloaded angled metal patch panel with 24 numbered keystone openings, a removable rear cable-management bar and a grounding lead. The angled port field supports lateral cable routing toward rack sides. It accepts the compatible PLANET jack models listed below. A shielded link/channel is obtained only with shielded jacks, shielded cable and shielded patch cords, together with a correctly installed and verified panel/rack bonding path; unshielded jacks produce an unshielded link. Category/Class performance depends on the installed components, workmanship and final field testing.

24 PORTS Unloaded panel	1U HEIGHT 44.45 mm rack unit	19-INCH 482.6 mm series	ANGLED Lateral routing
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2. PRODUCT HIGHLIGHTS

- 24 angled front-access keystone openings with sequential 1-24 identification and writable / replaceable label areas.
- Compatible PLANET jack models: PL-KE6UPD, PL-KE6UTL, PL-KE6AUTL, PL-KE6STL, PL-KE6ASTL and PL-KE7STL; other models require fit approval.
- Includes a removable rear cable-management bar and grounding lead, as declared, for routing, strain control and panel bonding.
- Standard 482.6 mm (19-inch) rack/cabinet format in 1U nominal rack height; angled geometry routes patch cords toward rack sides.
- Shielded-channel capability requires shielded jacks and end-to-end shield continuity; unshielded jacks do not create a shielded channel.
- RoHS compliance is declared for PL-PA24SU; exact material, coating and bonding documentation is available upon request for the ordered lot.

TECHNICAL SPECIFICATIONS

24 PORT | 1U | ANGLED

3. TECHNICAL SPECIFICATIONS

Parameter	Specified Requirement / Technical Scope
Product type	24-port unloaded angled metal patch panel with shield-bonding provision for compatible keystone jacks
Part number	PL-PA24SU
Port capacity	24 angled front openings; sequentially identified 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	P/N PL-KE6UPD, PL-KE6UTL, PL-KE6AUTL, PL-KE6STL, PL-KE6ASTL and PL-KE7STL; verify fit / configuration
Port interface	Angled PLANET keystone aperture; exact cut-out, orientation and retention dimensions controlled by approved drawing and fit test
Panel construction	Conductive, corrosion-resistant angled metal frame with black finish; exact material, thickness, coating and bonding interfaces per approved drawing / sample
Cable management	Removable rear cable-management bar with tie slots. Route patch cords laterally, maintain cable bend radius and side clearance, and avoid over-tight ties
Port identification	Sequential 1-24 numbering with front label / identification areas
Shielding / bonding	Grounding lead included as declared. Shielded operation requires shielded jacks / cable / cords, continuous termination and bonding to the designated rack / cabinet point. Unshielded jacks produce an unshielded link. Verify continuity after installation; interfaces per approved drawing / sample
Category / transmission	The empty panel has no standalone Category / Class rating. Declared performance depends on compatible installed jacks, cable and cords, correct workmanship, and verified permanent-link / channel testing
PoE / remote power	Passive mounting component with no standalone current rating. PoE suitability depends on the installed jacks, cable, bundling, ambient conditions and channel design
Installation environment	Indoor, dry telecommunications room, rack or cabinet. Confirm rack-side clearance for lateral routing. No IP, outdoor, UV, plenum or flame-classification claim unless separately documented
Overall depth / weight	Per approved angled-panel mechanical drawing and packing list; confirmation available upon request
Package contents	Unloaded angled panel, removable rear cable manager and grounding lead; keystone jacks not included. Mounting hardware only as stated in the 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 incl. Cor 1:2018 and Amd 1:2025/Cor 1:2025	Generic-cabling reference; declared Class depends on compatible installed components, correct installation and verified link / channel results
ANSI/TIA-607-E (2024)	Bonding / grounding reference for installed rack, panel and shielded connectivity; follow project design and local rules
RoHS / REACH	RoHS compliant as declared for PL-PA24SU. Exact material declaration and any REACH statement shall identify the ordered part number, coating and production lot
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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