UTP Clarity^6 Category 6
Patch Panels

ORTRONICS

Patch Panels

Ortronics has expanded its evolution in connector technology to include Clarity^6 patch panels with 6 or 8 port jack groupings. These high or standard density panels exceed TIA Category 6 requirements for component compliance. The panels are precision targeted to Clarity^6 patch cords for optimum performance that is field measurable in the channel. The use of dual reactance technology to enhance signal-to-noise ratio, provides a nearly transparent signal path. The Clarity^6 patch panels include mechanical improvements for easier termination of the larger conductors of enhanced Category 6 cables. The panels are labeled for T568B wiring but come equipped with labels for T568A wiring—making this a truly universal panel solution.

FEATURES

> Meets Category 6 component specifications TIA/EIA-568-B.2-1

> ETL 3rd party component tested and verified

> More transparent to signal with Clarity^6 cords

> Dual reactance modular contact array (patent pending)

> New low emission IDC contacts

> Standard termination practice—110 tool

> Easy lace IDC housing designed to accept larger Category 6 conductors

> Support T568B and T568A wiring

> Easy to follow wiring labels, quick and user-friendly, eliminates confusion

> Supplied label fields

> Icon compatible

> Supplied full length metal rear cable management

> High density or standard density panel design

> Backward compatible to Category 3, 5 and 5e

> Available in either 6 or 8 port groupings

> Centre tuned to Category 6 technology
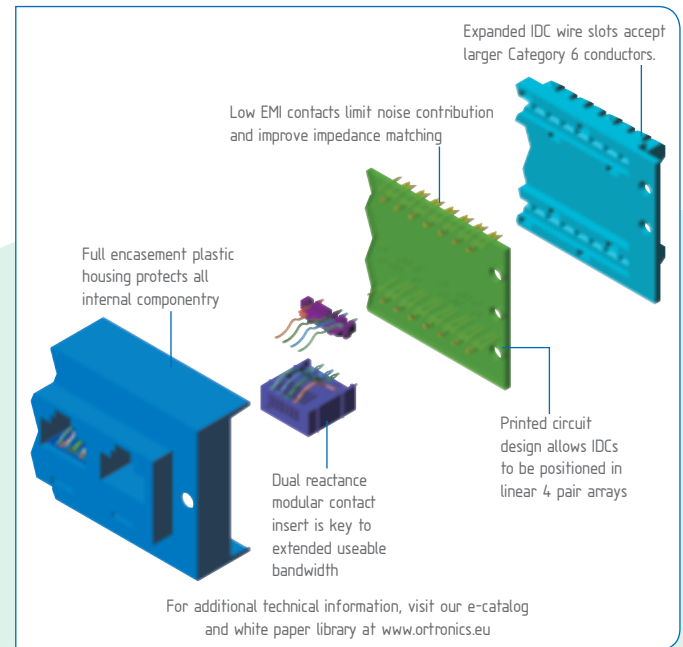
> RoHS compliant

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SPECIFICATIONS

Materials

> Panel: 2.4 mm aluminium, durable black powder coat finish

> Module: high impact plastic housing

> Flame retardant UL® 94V-0

> Fully encased printed circuitry protection

> Modular contacts: beryllium copper, nickel under plating and minimum 50 micro-inches of gold in contact area

> IDC contacts: phosphor bronze, nickel under plating and tin lead over plate. Serve 22-24 AWG
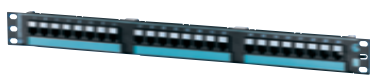
> Compatible with 110 impact tools

Performance

> Meets Category 6 component requirements TIA/EIA-568-B.2-1

> Meets FCC part 68 subpart F

> Rated for 750 plug insertions

> Exceeds 100 gram requirement

> UL 1863 listed, file #E131600

> Exceeds IEEE 802.3af DTE power specifications by 500%

Clarity⁶ Modular to 110 Patch Panels

High density with 6 and 8 port modules, Category 6

OR-PHD66U24

Part No. 6 port modules	Description	Rack Units
OR-PHD66U24	24 port	1
OR-PHD66U48	48 port	2
OR-PHD66U96	96 port	4
Part No. 8 port modules	Description	Rack Units
OR-PHD68U24	24 port	1
OR-PHD68U48	48 port	2
OR-PHD68U96	96 port	4

Clarity⁶ Modular to 110 Patch Panels

Standard density with 6 port modules, Category 6

OR-PSD66U24

Part No.	Description	Rack Units
OR-PSD66U12	12 port	1
OR-PSD66U24	24 port	2
OR-PSD66U48	48 port	3
OR-PSD66U96	96 port	6

CLARITY⁶ TECHNOLOGICAL ADVANCEMENTS

Expanded IDC wire slots accept larger Category 6 conductors.

Low EMI contacts limit noise contribution and improve impedance matching

Full encasement plastic housing protects all internal componentry

Dual reactance modular contact insert is key to extended useable bandwidth

Printed circuit design allows IDCs to be positioned in linear 4 pair arrays

For additional technical information, visit our e-catalog and white paper library at www.ortronics.eu

RELATED PRODUCTS

> TJ6 series of Category 6 TracJacks

> MC6 series of Category 6 patch cords

> 110ABC6 series of Category 6 110 blocks

> Mighty Mo 6 cable management system

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