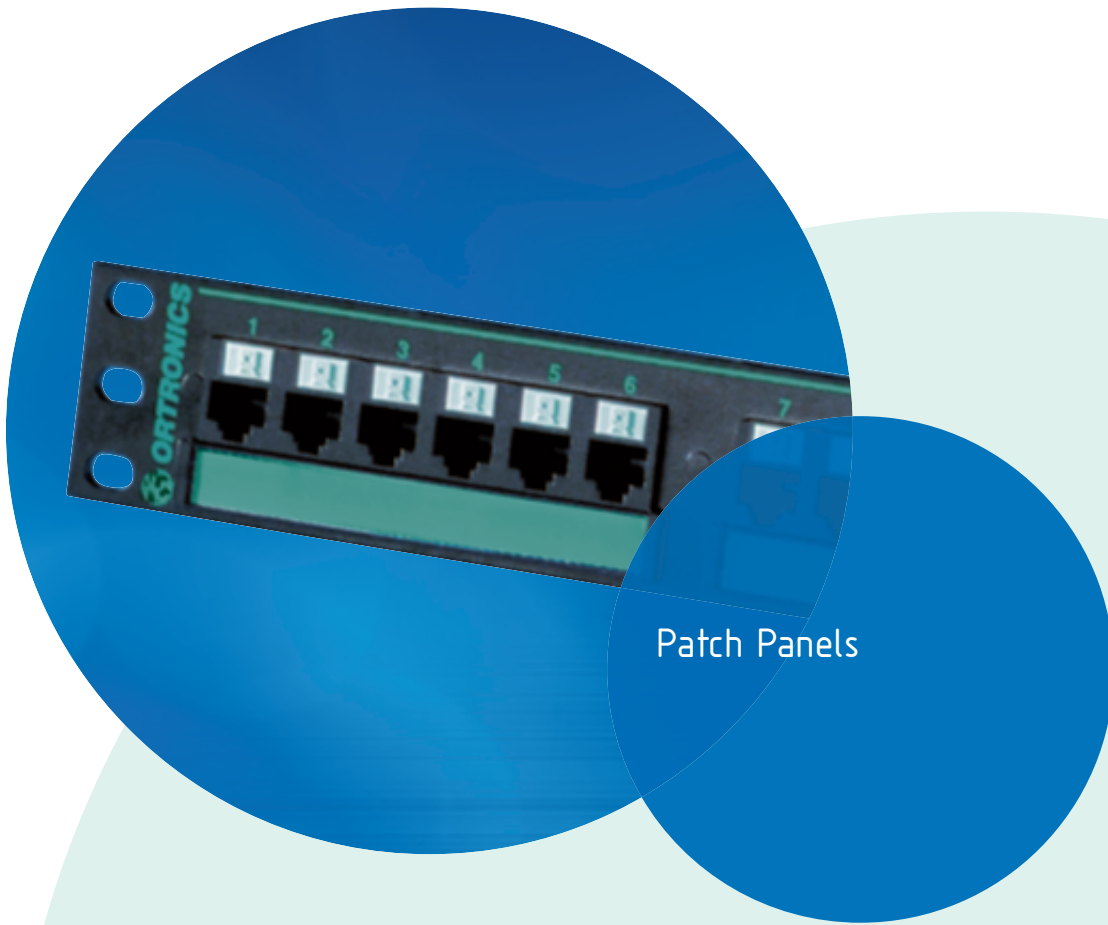


# 5<sup>E</sup> UTP Clarity<sup>5E</sup> Category 5e Patch Panels



Ortronics introduces Clarity<sup>5E</sup> technology with center tuned technology in standard and high density patch panels. These panels exceed TIA Category 5e component compliance requirements and, more importantly, are precision tuned to the same optimized value as Clarity<sup>5E</sup> patch cords. This maximizes each mated union for significantly improved cross talk and return loss performance that is field measurable in the link or channel. Clarity<sup>5E</sup> patch panels use new IDC contacts which have less metallic mass for better noise protection. These IDCs were designed with impedance values more closely matched to 100 ohm cable and improved return loss. The Clarity<sup>5E</sup> patch panels include mechanical improvements that make them easier to terminate. The panels are labeled for T568B wiring but come equipped with labels for T568A wiring—making this a truly universal panel solution. The Clarity 110C5E series of Category 5e 110 patch cords can be used with these blocks for high speed cross connect applications.

[www.ortronics.eu](http://www.ortronics.eu)

## FEATURES

- › Meets Category 5e component specifications TIA/EIA-568-B.2
- › ETL 3rd party component tested and verified
- › Mated union with Clarity<sup>5E</sup> cords is more transparent to signal
- › New low emission IDC contacts
- › Supports standard termination practice—110 impact tool
- › Universal T568B and T568A wiring
- › Available in 6 or 8 port groupings
- › Easy lace IDCs
- › Easy to follow wiring labels, quick and user friendly, eliminates confusion
- › Supplied label fields
- › Icon compatible
- › Supplied rear cable management
- › Available in high and standard density
- › RoHS compliant





# UTP Clarity<sup>5E</sup> Category 5e Patch Panels

## SPECIFICATIONS

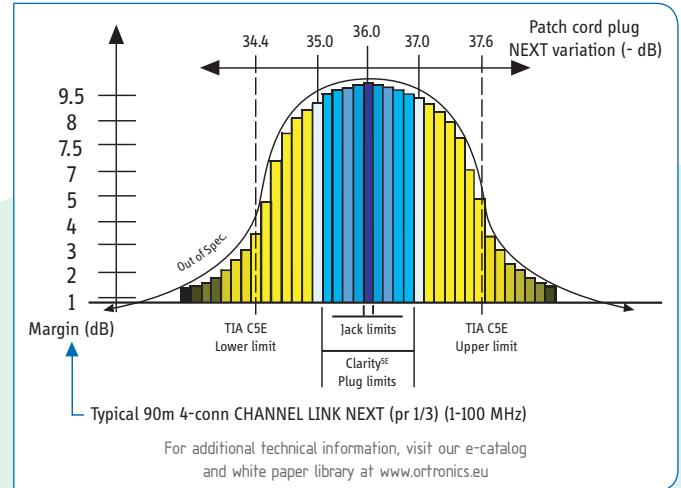
### Materials

- > Panel: 2.84 mm aluminium, durable black powder coat finish
- > Module: high impact plastic housing
- > Flame retardant UL<sup>®</sup> 94V-0
- > Full encasement protects printed circuitry
- > Modular contacts: phosphor bronze with 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

### Performance

- > Meets Category 5e component requirements TIA/EIA-568-B.2
- > Meets FCC part 68 subpart F
- > Rated for 750 plug insertions
- > Exceeds 100 gram requirement
- > UL 1863 listed, file #E131600
- > Compatible with 110 impact tools
- > Exceeds IEEE 802.3af DTE power specifications by 500%

## CENTRE TUNED COMPONENTS OPTIMISE CHANNEL PERFORMANCE



### Clarity<sup>5E</sup> Enhanced Category 5e Modular to 110 Patch Panels



High density with 6 and 8 port modules, Category 6



OR-PHD5E6U24

Part No.	6 port modules	Description	Rack Units
OR-PHD5E6U24		24 port	1
OR-PHD5E6U48		48 port	2
OR-PHD5E6U96		96 port	4
Part No.	8 port modules	Description	Rack Units
OR-PHD5E8U16		16 port	1
OR-PHD5E8U24		24 port	1
OR-PHD5E8U48		48 port	2
OR-PHD5E8U96		96 port	4

### Clarity<sup>5E</sup> Enhanced Category 5e Modular to 110 Patch Panels



Standard density with 6 port modules, Category 6



OR-PSD5E6U24

Part No.	Description
OR-PSD5E6U12	12 port
OR-PSD5E6U24	24 port
OR-PSD5E6U48	48 port
OR-PSD5E6U96	96 port

## RELATED PRODUCTS

- > Tj5E series of Clarity<sup>5E</sup> TracJacks
- > MC5E series of Clarity<sup>5E</sup> patch cords
- > 110ABC5E series of Clarity<sup>5E</sup> 110 blocks
- > Mighty Mo 6 cable management system

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