



CAT 5e+ U/UTP

COPPER CABLING SYSTEM

About nCompass

nCompass is an innovative product offering of structured cabling solutions created by Legrand and Superior Essex.

Understanding your communications challenges allows us to offer you multiple, high-performing fiber optic and copper cabling solutions.

nCompass provides you with support, reliability, flexibility, and energy efficient solutions that exceed industry standards and are backed by a limited lifetime warranty.

This nCompass™ copper solution combines Superior Essex Cobra CAT 5e+ U/UTP cabling and Ortronics® Clarity® 5E connectivity, offering improved channel performance that exceeds industry standards. It assures exceptional overall channel performance significantly over current industry specifications, and it improves network efficiency with exceptional PSNEXT, and PSACR over current CAT 5e standards.

System Benefits

- Offers 6 dB crosstalk margin over ANSI/TIA-568-C.2 to assure better performance
- Exceptional PSNEXT, and PSACR over CAT 5e
- CableID® allows cable run to be identified easily on both ends
- ColorTip™ allows for cables to be easily identified
- Clarity patch cords available in EZ Patch™ dispensing packaging
- Clarity center tuned connectivity improves signal to noise ratio of channel
- Backed by a Limited Lifetime Warranty

Channel Margin Guarantees	
Parameter	Margin vs. TIA-568-C.2
Insertion Loss	3%
NEXT	6 dB
PSNEXT	6 dB
Return Loss	3 dB
ACRF	6 dB
PSACRF	6 dB
ACR	6 dB
PSACR	6 dB

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Ortronics® Clarity® CAT 5e U/UTP Modular Jacks for Workstation

Description	Part Number
TracJack® Clarity 5E, 180° Exit T68A/B - Fog White	OR-TJ5E00*
Series II Single Clarity 5E Jacks, 180° Exit T68A/B	OR-S215E00**
Series II Dual Clarity 5E Jacks, 180° Exit T68A/B	OR-S225E00**
High Density Jack Clarity 5E U/UTP T568A/B - Fog White	OR-HDJ5E**

*Standard color is Fog White. Choose from additional colors below by adding suffix designation.

-00 -36 -42 -43 -44 -45 -68 -88 -99

**Standard color is Fog White. Choose from additional colors below by adding suffix designation.

-00 -36 -42 -43 -44 -45 -88



OR-TJ5E00-88



OR-HDJ5E-45

Ortronics Clarity CAT 5e U/UTP Patch Cords and Cable Assemblies

Description	Part Number
Patch Cord 4 Pair Clarity 5E U/UTP	OR-MC5Exx-yy

xx = Length: (03), (05), (07), (09), (15), (20) or (25) feet.
yy = Patch Cord Color: choose from the colors below.

02 03 04 05 06 08 09



OR-MC5E07-05

Ortronics Clarity CAT 5e U/UTP Patch Panels and Jacks

Description	24-Port	48-Port
Angled Panel Clarity 5E	OR-PHA5E6U24	OR-PHA5E6U48
Flat Panel Clarity 5E	OR-PHD5E6U24	OR-PHD5E6U48
Flat PJ Jack Panel Unloaded	OR-PHDPJU24	OR-PHDPJU48
Panel Jack CAT 5E U/UTP T568A/B - Fog White	OR-PJ5E*	-
U/UTP Flat HDJ Panel Unloaded	OR-PHDHJU24	OR-PHDHJU48
U/UTP Angled HDJ Panel Unloaded	OR-PHAHJU24	OR-PHAHJU48
High Density Jack Clarity 5E U/UTP T568A/B	HDJ5E**	-

*Standard color is Fog White. Choose from additional colors below by adding suffix designation.

-00 -36 -42 -43 -44 -45 -68 -88 -99

**Standard color is Fog White. Choose from additional colors below by adding suffix designation.

-00 -36 -42 -43 -44 -45 -88



OR-PHA5E6U24



OR-PHAHJU48

Superior Essex Cobra CAT 5e+ U/UTP Cable

Listing	Part No.	Nom. Diameter in (mm)	Approx. Weight lbs/kft (kg/km)	Package
CMR	52-200-x5	0.19 (4.8)	19 (28)	1,000' Reel-in-a-Box
CMR	52-240-x5	0.19 (4.8)	19 (28)	1,000' POP box
CMP	52-200-x8	0.19 (4.8)	21 (31)	1,000' Reel-in-a-Box
CMP	52-241-x8	0.19 (4.8)	21 (31)	1,000' POP box

x = Jacket Color: choose from the colors below.

2 3 4 5 6 7 9 B D E

