nCompass™
Enabled by Legrand® and Superior Essex®

CAT 6+ U/UTP

COPPER CABLING SYSTEM

This nCompass™ copper solution combines Superior Essex DataGain® CAT 6+ U/UTP cabling and Ortronics® Clarity® 6 connectivity, offering improved channel performance that exceeds the ANSI/TIA-568-C.2 standard. With 5 dB margin in ACR and PSACR, this system is designed for changing technologies that require a future-proof network.

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.

System Benefits

- 5 dB crosstalk margin above ANSI/TIA-568-C.2

- CableID® allows cable run to be identified easily on both ends

- ColorTip™ allows for cables to be easily identified

- Backed by a Limited Lifetime Warranty

- Ortronics Clarity 6 connectivity is center tuned to allow the shortest possible channel configurations

- Ortronics Clarity 6 patch cords are 100% factory tested for performance

Channel Margin Guarantees	
Parameter	Margin vs. TIA-568-C.2
Insertion Loss	3%
NEXT	5 dB
PSNEXT	5 dB
Return Loss	3 dB
ACRF	5 dB
PSACRF	5 dB
ACR	5 dB
PSACR	5 dB

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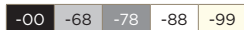Enabled by Legrand® and Superior Essex®

Ortronics Clarity® CAT 6 U/UTP Modular Jacks for Workstation

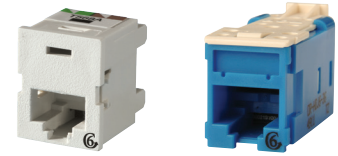| Description	Part Number
TracJack® Clarity 6, 180° Exit T68A/B – Fog White	OR-TJ600*
Series II, 1-Port Clarity 6, T568A/B, 180° – Fog White	OR-S21600**
Series II, 2-Port Clarity 6, T568A/B, 180° – Fog White	OR-S22600**
Clarity CAT 6 High Density Jack, T568A/B – Fog White	OR-HDJ6***

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

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

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

| -00 | -68 | -78 | -88 | -99 |

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

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

OR-TJ600-99   OR-HDJ6-36

Ortronics Clarity CAT 6 U/UTP Patch Cords and Cable Assemblies

Description	Part Number
Clarity 6 Modular Patch Cord	OR-MC6xx-yy

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

| 00 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 |

OR-MC607-06

Ortronics Clarity CAT 6 U/UTP Patch Panels and Jacks

Description	24-Port	48-Port
Angled Panel Clarity 6	OR-PHA66U24	OR-PHA66U48
Flat Panel Clarity 6	OR-PHD66U24	OR-PHD66U48
Flat PJ Jack Panel Unloaded	OR-PHDPJU24	OR-PHDPJU48
Panel Jack CAT 6 U/UTP T568A/B	OR-PJ6**	–
Flat HDJ Panel Unloaded	OR-PHDHJU24	OR-PHDHJU48
Angled HDJ Panel Unloaded	OR-PHAHJU24	OR-PHAHJU48
High Density Jack Clarity 6 U/UTP T568A/B	OR-HDJ6**	–

*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-PHA66U24

Superior Essex DataGain® CAT 6+ U/UTP Cable

Listing	Part No.	Nom. Diameter in (mm)	Approx. Weight lbs/kft (kg/km)	Package
CMR	66-246-xA	0.22 (5.5)	24 (36)	1,000' BrakeBox®
CMR	66-272-xA	0.22 (5.5)	24 (36)	1,000' Plywood reel
CMR	66-240-xA	0.22 (5.5)	24 (36)	1,000' POP™ box
CMP	66-246-xB	0.22 (5.5)	26 (39)	1,000' BrakeBox
CMP	66-272-xB	0.22 (5.5)	26 (39)	1,000' Plywood reel
CMP	66-240-xB	0.22 (5.5)	26 (39)	1,000' POP box

x = Jacket Color: choose from the colors below.

| 2 | 3 | 4 | 5 | 6 | 7 | 9 | C | D |

OR-PHAHJU48