



CAT 6e+ 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 NextGain® 6eX U/UTP cabling and Ortronics® Clarity 6e+ connectivity to offer improved channel performance that exceeds industry standards. Because of the demands and challenges of changing technologies, it is ideal for installations requiring a future-proof network and high bandwidth. With guaranteed crosstalk margin of 8 dB, this system provides future-proofing to networks, such as ATM, Gigabit Ethernet, and other intensive applications that require larger bandwidth and capacity.

System Benefits:

- Performance significantly above CAT 6 requirements
- Ortronics Clarity connectivity is center tuned, ensuring the greatest possible mitigation of noise; improves the overall performance of the channel
- Backed by a Limited Lifetime Warranty
- CableID® allows cable run to be identified easily on both ends
- ColorTip™ allows for cables to be easily identified

Channel Margin Guarantees	
Parameter	Margin vs. TIA-568-C.2
Insertion Loss	3%
NEXT	8 dB
PSNEXT	8 dB
Return Loss	3 dB
ACRF	8 dB
PSACRF	8 dB
ACR	8 dB
PSACR	8 dB

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

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.

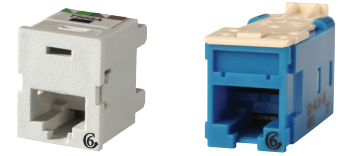
-00 -36 -42 -43 -44 -45 -68 -99

**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

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 -88



OR-PHA66U24



OR-PHAHJU48

Superior Essex NextGain® CAT 6eX U/UTP Cable

Listing	Part No.	Nom. Diameter in (mm)	Approx. Weight lbs/kft (kg/km)	Package
CMR	54-246-xA	0.23 (5.8)	24 (36)	1,000' BrakeBox
CMR	54-272-xA	0.23 (5.8)	24 (36)	1,000' Plywood reel
CMP	54-246-xB	0.23 (5.7)	28 (42)	1,000' BrakeBox
CMP	54-272-xB	0.23 (5.7)	28 (42)	1,000' Plywood reel

x = Jacket Color: choose from the colors below.

2 3 4 5 6 7 9 F

