

# CAT 6 U/UTP

## STANDARD COPPER CABLING SYSTEM

### About nCompass

nCompass is an innovative product offering of structured cabling solutions created by Legrand and Superior Essex. nCompass provides you with support, reliability, flexibility, and efficient solutions that meet or exceed industry standards and are backed by Limited Lifetime Warranty.

Demonstrating a commitment to sustainability, nCompass Systems offer the first and only Environmental Product Declarations and Health Product Declarations for a structured cabling solution.



This nCompass™ copper solution combines Superior Essex Series 77 CAT 6 U/UTP cabling with TechChoice® and KT2J Keystone series CAT 6 connectivity by Legrand®, offering reliable channel performance that exceeds the ANSI/TIA-568-C.2 standard. With 3 dB margin in ACR and PSACR, this system is designed for changing technologies requiring a network that will grow with future demands. Connectivity and cabling products that are a part of nCompass “+” systems may be substituted for the listed components. Visit [nCompass-systems.com](http://nCompass-systems.com) for the full range of products.

### System Benefits

- 3 dB crosstalk margin above ANSI/TIA-568-C.2 requirements
- CableID® allows cable run to be identified easily on both ends
- ColorTip™ allows for cables to be easily identified
- TechChoice and KT2J keystone connectivity and cords are designed for reliable mid-range channel performance
- KT2J jacks have labor saving lacing cap termination and are supplied with an installation tool in every carton of 20 jacks
- Backed by a Limited Lifetime Warranty

### Channel Margin Guarantees

Parameter	Margin vs. TIA-568-C.2
Insertion Loss	3%
NEXT	3 dB
PSNEXT	3 dB
Return Loss	2 dB
ACRF	3 dB
PSACRF	4 dB
ACR	3 dB
PSACR	4 dB

NOTE: Margins supported over standard compliant channels from 7 to 100 meters

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### LEGRAND

#### TechChoice + KT2J CAT 6 U/UTP Modular Keystone Jacks

Description	Part Number
TechChoice CAT 6, Keystone Jack T568A/B, individual pack	OR-KS6A*
TechChoice CAT 6, Keystone Jack T568A/B, 25 pack	OR-KS6*
KT2J CAT 6 Keystone Jack T568A/B individual pack	OR-KT2J6*

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

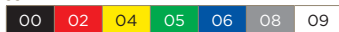


OR-KS6A

#### TechChoice CAT 6 U/UTP Patch Cords

Description	Part Number
Patch Cord 4-Pair TechChoice CAT 6 U/UTP, individual pack	OR-SPCA6xx-yy
Patch Cord 4-Pair TechChoice CAT 6 U/UTP, 10 pack	OR-SPC6xx-yy

xx = Length: (03), (05), (09), (10), (15), (20) or (25) feet.  
yy = Patch Cord Color: choose from the colors below.



OR-SPCA605-05

#### TechChoice CAT6 U/UTP and Unloaded Keystone Jack Patch Panels

Description	24-Port	48-Port
Flat Panel CAT 6 U/UTP	OR-SP6U24	OR-SP6U48
Angled Panel CAT 6 U/UTP	OR-SPA6U24	OR-SPA6U48
Flush Load Flat Panel Kit Unloaded for Keystone Jacks	OR-SPKFU24	OR-SPKFU48
Flush Load Angled Panel Kit Unloaded for Keystone Jacks	OR-SPAKFU24	OR-SPAKFU48
Flat Panel Kit Unloaded for Keystone Series Jacks	OR-SPKSU24	OR-SPKSU48
Angled Panel Kit Unloaded for Keystone Series Jacks	OR-SPAKSU24	OR-SPAKSU48



SP6U24



SPKSU48

### SUPERIOR ESSEX

#### CAT 6 U/UTP Cable\*

Listing	Part No.	Nom. Diameter in (mm)	Approx. Weight lbs/kft (kg/km)	Package
CMR	77-246-xA	0.22 (5.5)	24 (36)	1,000' BrakeBox®
CMR	77-272-xA	0.22 (5.5)	24 (36)	1,000' Plywood reel
CMR	77-240-xA	0.22 (5.5)	24 (36)	1,000' POP™ box
CMP	77-246-xB	0.22 (5.5)	25 (37)	1,000' BrakeBox
CMP	77-272-xB	0.22 (5.5)	25 (37)	1,000' Plywood reel
CMP	77-240-xB	0.22 (5.5)	25 (37)	1,000' POP box

x = Jacket Color: choose from the colors below.



\* Superior Essex copper cables provide EPDs, HPDs and Multi-Attribute Labels.

