LCS³

3 DIMENSIONS OF EXCELLENCE

● PERFORMANCE ● SCALABILITY ● EFFICIENCY

DATA CENTRE
LOCAL AREA NETWORK

L legrand®

LEGRAND LCS³ CABLING SYSTEM

Currently providing high quality connectivity to more than 200 million devices. The Legrand Group is a world leader in communication networks for data transmission. Its investment in the development and design of structured cabling systems and solutions has enabled it to expand its offer and achieve the highest level of performance.

HIGH PERFORMANCE SYSTEM

From the server room through to office spaces and for highly critical applications, copper LCS³ solutions are used to access and control the VDI network.

The Copper LCS³ solutions are used to access and control connections to the VDI network. From the server room through to office spaces and highly critical applications.

Legrand's copper LCS³ cabling system consists of patch panels, cassettes, connectors, cables, cords and RJ 45 sockets.

RJ 45 DATA CABLE AND PATCH CORDS

Continuous performance with great ease

- Perfect solution for local network
- Available in PVC or LSZH
- All types of shielding options
- Performance up 500 Mhz with category 6A cable
- 4 pairs or 2 x 4 twisted pairs, 100 Ω
- Patch cords for VDI transmissions

EASY GRIP

SMALL DIAMETER

Yellow available on request.

PATCH PANELS

Freedom of configuration

Copper LCS³ solutions achieve high speeds to suit the needs of highly critical sites.

- Available in empty (to be equipped) or equipped with cassettes with or without connectors
- Equipped with new-generation Quick-Fix for automatic (tool-less) mounting on enclosure and cabinet uprights
- Universal mounting on all cabinets or enclosures
- Panels ensure automatic earthing of each connector
- Equipped with 4 bundle guides fixed at the rear
- Connect up to 48 connectors with LCS³ high density panel

PDUs

The PDU offer combines Legrand's quality and innovation with a wide range of applications

Legrand's unique innovations include safety features, set up and integration to ensure optimum performance for the ZERO-U and 1U range of PDUs

LCS³ PDUs are designed for installations in server and cabling racks while incorporating the latest innovations for facilitating mounting, maintenance and applicable compliance standards.

- Tool-free installation
- Horizontal or vertical mounting
- Circuit colour legend and cord locking systems
- 330° rotating power cord for perfect orientation in the server rack
- Aluminium profile

330°

LCS3

STAND ALONE

SmartRak® 2.0

Cost effective, efficient and reliable server rack system

- Static load rating of 1200kg
- Full height door for better ventilation
- 3 times bend panel mounting for a stronger structure
- Save assembly time with flat packs with the new simplified design with lesser parts to fix

Effective ventilation
Enables data centres to achieve greater cooling efficiency, resulting in less energy use.
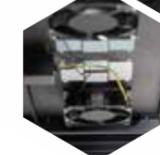
Effective cooling
Controls temperature levels, which maintain best IT equipment performances and increase their design life.
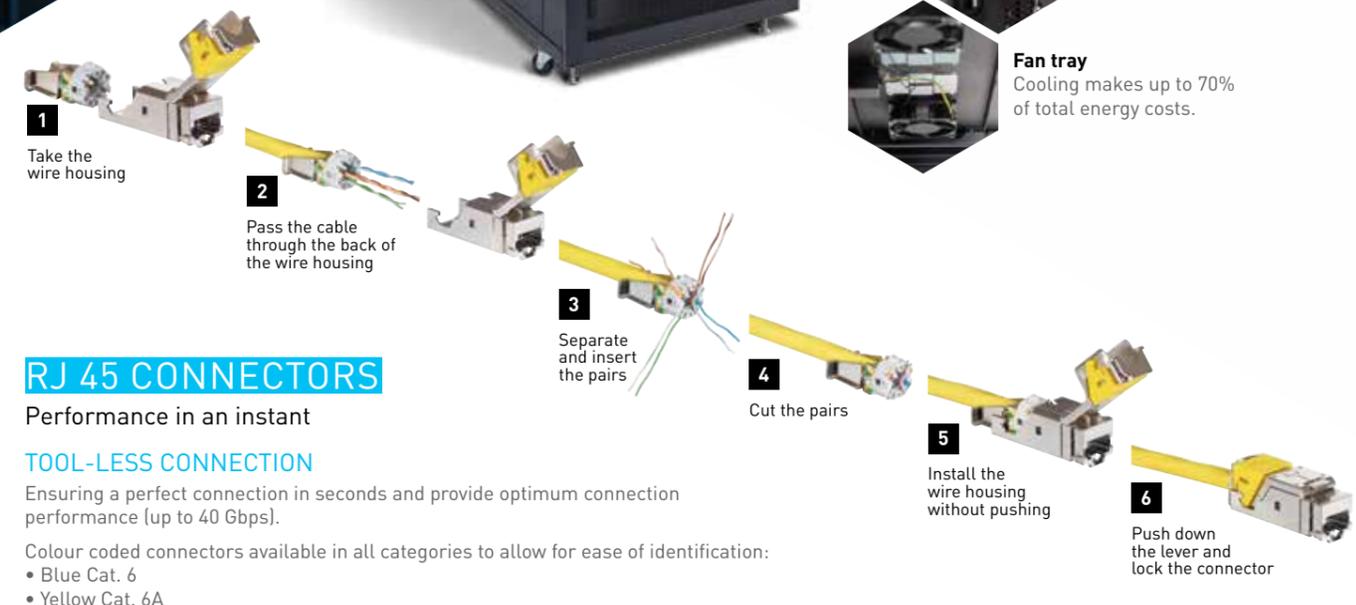
Heavy duty castor wheels with adjustable feet

Swing handle lock set

Fan tray
Cooling makes up to 70% of total energy costs.

RJ 45 SOCKETS

High-performance network access

LCS³ RJ 45 sockets are designed to satisfy the requirements of commercial buildings.

- LCS³ RJ 45 socket can be integrated in all supports. Available in Cat. 6A, Cat. 6 and Cat. 5e.
- Fast connection utilises AWG22 single-core cables up to AWG26 and AWG multicore cables
- Contacts marked with dual colour code and wiring schemes T568A and T568B

RJ 45 CONNECTORS

Performance in an instant

TOOL-LESS CONNECTION

Ensuring a perfect connection in seconds and provide optimum connection performance (up to 40 Gbps).

Colour coded connectors available in all categories to allow for ease of identification:
- Blue Cat. 6
- Yellow Cat. 6A

1 Take the wire housing

2 Pass the cable through the back of the wire housing

3 Separate and insert the pairs

4 Cut the pairs

5 Install the wire housing without pushing

6 Push down the lever and lock the connector

REFERENCE GUIDE

LCS³ CAT 6

CATEGORY NUMBER	PRODUCT DESCRIPTION	PACK QTY
032755	DATA CABLE CAT6 4 PAIRS U/UTP PVC BLUE (305M) - SUPPLY ON WHEEL	305 Metres
033790	FLAT PATCH PANEL 1U WITH EMPTY CASSETTES TO BE EQUIPPED - 24 WAY	3
033760	PATCH PANEL CAT6 EQUIPPED WITH 24 RJ 45 CONNECTORS UTP - QUICK FIX	3
033763	HIGH DENSITY RJ 45 CONNECTOR CAT6 - FOR EMPTY PATCH PANELS UTP (SET OF 6)	20
033161	PATCH PANEL CAT6 EQUIPPED WITH 24 RJ 45 CONNECTORS FTP - QUICK FIX	240
051773	PATCH CORD CAT6 RJ 45 U/UTP BLUE 2M PVC - 100 OHM	20
051772	PATCH CORD CAT6 RJ 45 U/UTP BLUE 1M PVC - 100 OHM	20
051774	PATCH CORD CAT6 RJ 45 U/UTP BLUE 3M PVC - 100 OHM	20

LCS³ CAT 6A

CATEGORY NUMBER	PRODUCT DESCRIPTION	PACK QTY
032778G	DATA CABLE CAT6A 4 PAIR F/UTP LSZH GREY (500M) - 500MHZ - SUPPLY ON WHEEL	500 Metres
033772	PATCH PANEL CAT6A EQUIPPED WITH 24 RJ 45 CONNECTORS STP - QUICK FIX	3
033775	HIGH DENSITY RJ 45 CONNECTOR CAT6A - FOR EMPTY PATCH PANELS STP (SET OF 6)	20
051882	PATCH CORD CAT6A U/UTP RJ 45 YELLOW 1M PVC - 100 OHM	20
051883	PATCH CORD CAT6A U/UTP RJ 45 YELLOW 2M LSZH - 100 OHM	20
051884	PATCH CORD CAT6A U/UTP RJ 45 YELLOW 3M LSZH - 100 OHM	20

WIRING DEVICES (EXCEL LIFE)

CATEGORY NUMBER	PRODUCT DESCRIPTION	PACK QTY
ED920GPLWE	EXCEL LIFE DEDICATED 2 MODULES GRID AND PLATE ONLY ((45X45) - WHITE	20
EC920GPLWE	EXCEL LIFE COMMON 2 MODULES GRID AND PLATE ONLY ((45X45) - WHITE	20
EMKEYSTONELWE	EXCEL LIFE BAZEL ADAPTOR FOR LEGRAND LCS RJ 45 KEYSTONE CONNECTORS - WHITE	200
033161	RJ 45 KEYSTONE CONNECTOR CAT 6 - UTP WITH QUICK CONNECT - WHITE	30
632705	RJ 45 KEYSTONE CONNECTOR CAT 6 - UTP - WHITE	30
033154	RJ 45 KEYSTONE CONNECTOR CAT6A STP - TOOLLESS	30
033155	RJ 45 KEYSTONE CONNECTOR CAT6A UTP - TOOLLESS	30

BASIC LCS³ PDUs

CATEGORY NUMBER	PRODUCT DESCRIPTION	PACK QTY
646870	ZERO-U THREE PHASE PDU - 18 X C13 + 6 X C19 OUTLETS	1
646857	ZERO-U SINGLE PHASE PDU - 24 X C13 OUTLETS - 2P+E PLUG	1
646860	ZERO-U SINGLE PHASE PDU - 20 X C13 + 4 X C19 OUTLETS -FOR TERMINAL BLOCK	1
646861	ZERO-U SINGLE PHASE PDU- 20 X C13 + 4 X C19 OUTLETS 2P+E PLUG FIX	1
646807	19" PDU - 1 U - 6 X C19 OUTLETS	12
646815	19" PDU - 1 U - 12 X C13 OUTLETS	6

SERVER CABINETS

CATEGORY NUMBER	PRODUCT DESCRIPTION	PACK QTY
SR42608BVA	LEGRAND SMARTRAK 2.0 SERVER CABINET - STAND ALONE 42U - WIDTH 600MM X DEPTH 800MM	1
SR42810BVA	LEGRAND SMARTRAK 2.0 SERVER CABINET - STAND ALONE 42U - WIDTH 800MM X DEPTH 1000MM	1
SR42812BVA	LEGRAND SMARTRAK 2.0 SERVER CABINET - STAND ALONE 42U - WIDTH 800MM X DEPTH 1200MM	1
SR45808BVA	LEGRAND SMARTRAK 2.0 SERVER CABINET - STAND ALONE 45U - WIDTH 800MM X DEPTH 800MM	1
SR47810BVA	LEGRAND SMARTRAK 2.0 SERVER CABINET - STAND ALONE 47U - WIDTH 800MM X DEPTH 1000MM	1
SR47812BVA	LEGRAND SMARTRAK 2.0 SERVER CABINET - STAND ALONE 47U - WIDTH 800MM X DEPTH 1200MM	1
WB600-18U-PIVOT	LEGRAND EZRAK WALL MOUNT CABINET 18U - WIDTH 600MM X DEPTH 600MM	1
WB600-9U-PIVOT	LEGRAND EZRAK WALL MOUNT CABINET 9U - WIDTH 600MM X DEPTH 600MM	1