

Certificaciones	8-2
Cable de Cobre para Cableado Estructurado Categoría 5e y 6	8-3



INGRESA A
www.laumayer.com.ec
PARA CONOCER DETALLES

Las fotografías de esta sección son de uso informativo.



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ETL Verified Certificate of Conformance Number: 101054381CRT-001a

On the basis of the tests undertaken, the sample(s) of the below product have been found to comply with the essential requirements of the referenced specifications at the time the tests were carried out.

Applicant: Laumayer S.A.
 CRA 50C
 10 SUR - 61
 Medellín, Colombia
Contact: Ms. Bibiana C. Osorio E

Manufacturer: Laumayer S.A.
 CRA 50C
 10 SUR - 61
 Medellín, Colombia
Contact: Ms. Bibiana C. Osorio E

Verification/Report Number: 101262337CRT-002a and 101262337CRT-002b

Product Tested: 4 pair, 24 AWG, UTP, CM, Non-Plenum Riser, Horizontal (Solid) Cable.

Model(s) and or Brand Name: LCVSECMU

Standard(s)/Specification: ANSI/TIA-568-C.2 and ISO/IEC 11801 Category 5e with the applicable electrical transmission characteristics

Jacket marking shall include: ETL Verified to ANSI/TIA-568-C.2 and ISO/IEC 11801 Category 5e.

Continuing compliance to this specification is monitored through production testing, quarterly inspections by Intertek at the production facility and random sample testing.

Date Verified: 1/31/2013

Date Revised: 8/22/2013

Approved By:

John Cash
 John Cash, Technician

Antoine Pelletier
 Antoine Pelletier, Team Leader

This verification supersedes all previous verifications with the noted Verification/Report number(s) dated before this verification notice.

NOTE: This verification is part of the full test report(s) and should be read in conjunction with it.

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ETL Verified Certificate of Conformance Number: 104647167CRT-001

On the basis of the tests undertaken, the sample(s) of the below product have been found to comply with the electrical transmission requirements of the referenced specification(s) at the time the tests were carried out.

Rendered to: Laumayer S.A.
 Carrera 50C No. 10 Sur-61
 Medellín
 Colombia
Contact: Mr. Juan David Rey

Product tested: Category 6, 4-pair, 24 AWG, U/UTP, LSZH, horizontal (solid) cable

Part number(s): LCV6LSZH24-xx / VCP CONNECT

Compliant to: ANSI/TIA-568.2-D
 EN 50173-1
 ISO/IEC 11801-1

Authorized marking: ETL VERIFIED TO ANSI/TIA-568.2-D, EN 50173-1 and ISO/IEC 11801-1 CATEGORY 6

Continuing compliance to this specification is monitored through production testing, ongoing inspections by Intertek at the production facility and random sample testing.

Date Issued: 06-Apr-2013

Approved By:

Antoine Pelletier
 Antoine Pelletier, Project Engineer

This verification supersedes all previous verifications with the noted Verification/Report number(s) dated before this verification notice.

NOTE: This verification is part of the full test report(s) and should be read in conjunction with it.

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Compliance Statement

ISO/IEC, EN & TIA Unscreened Class D / Category 5e VCP Connect + Three Connector Channel

**Laumayer S.A.
Carrera 50 C No. 10 Sur-61
Medellín, Colombia**

Compliance Statement No. 113769

This type of Class D / Category 5e unscreened three connector channel has been tested by 3P Third Party Testing and complies with the Class D requirements of Edition 2.2 of ISO/IEC 11801 and CENELEC EN 50173-1, 2R1, and Category 5e requirements of ANSI/TIA-568-C.2. The Compliance Statement is valid for the channel type in T568B designation and may be suspended or withdrawn if it fails to pass a Maintenance Testing performed at 12 month intervals. The channel consists of the following VCP Connect + components:

<i>Cable:</i>	<i>Horizontal Cable, P/N LCVSE-XX-U</i>
	<i>Flexible Cable, From Cord, P/N PCVSE-XX</i>
	<i>Qualification Status: Manufacturer Verified</i>
<i>Cable Harness:</i>	<i>Modular Jack, P/N JET</i>
	<i>Patch Panel, having PCB marking PA-C02-01B1-GD</i>
	<i>Back to Back Coupler, P/N PPSEV-TY, having PCB marking PCB-PP2-4C5e-1 KW20121118</i>
	<i>Qualification Status: P/N LCVSE, Manufacturer Verified</i>
<i>Equipment and Patch Cords:</i>	<i>1.5 m and 3.0 m, P/N PCVSE-XX</i>
	<i>Qualification Status: Manufacturer Verified</i>

Hoersholm, 9th May 2013

Ole Lambertsen

Ole Lambertsen
Test Responsible

Hoersholm, 9th May 2013

Poul Vilken

Poul Vilken
Coordinating Manager

Independent Testing - For End User Confidence

CABLE DE COBRE PARA CABLEADO ESTRUCTURADO

CATEGORÍA 5e, 6 y 6A



CÓDIGO	REFERENCIA	DESCRIPCIÓN	PRECIO UNITARIO
CABLE DE COBRE CATEGORÍA 5e			
VCU0001A	LCV5ECMU-GR	Cable de cobre categoría 5e, UTP-CM, 4PR 24AWG. Carrete 305M, COLOR GRIS. ETL VERIFIED TO ANSI/TIA-568-C.2 & ISO/IEC 11801, RoHS COMPLIANT	USD 184,00
CABLE DE COBRE CATEGORÍA 6			
VCU0001B	LCV6LSZHU24-GR	Cable de cobre categoría 6, UTP-LSZH, 4PR 24AWG. Carrete 305M COLOR GRIS. 3P VERIFIED TO ANSI/TIA-568-C.2 & ISO/IEC 11801, RoHS COMPLIANT	USD 275,00
CABLE DE COBRE CATEGORÍA 6A			
VCU0001C	LCV6LSZHU24-GR	Cable de cobre Categoría 6A, U/FTP-LSZH, apantallado con foil par por par, 4PR 23AWG. Carrete 305M, COLOR BLANCO. 3P VERIFIED TO ANSI/TIA-568-C.2 & ISO/IEC 11801, RoHS COMPLIANT	USD 396,00



ELEMENTOS PARA CABLEADO ESTRUCTURADO CATEGORÍA 5e, 6 Y 6A



JT5EV-BL



JT6V-W



J6AV-SH



PCV6-xxB



PP6V-24

CÓDIGO	REFERENCIA	DESCRIPCIÓN	PRECIO UNITARIO
JACKS RJ45 CATEGORÍA 5e UTP, PONCHADO SIN HERRAMIENTA			
VCU0002A	JT5EV-B	JACK CATEGORÍA 5E UTP JT5EV-B AZUL, PONCHADO SIN HERRAMIENTA	USD 2,50
VCU0003A	JT5EV-W	JACK CATEGORÍA 5E UTP JT5EV-W BLANCO, PONCHADO SIN HERRAMIENTA	USD 2,50
VCU0004A	JT5EV-BL	JACK CATEGORÍA 5E UTP JT5EV-BL NEGRO, PONCHADO SIN HERRAMIENTA	USD 2,50
PATCHCORDS RJ45 UTP CAT 5e			
VCU0006A	PCV5E-03B	PATCH CORD PCV5E-03B CATEGORÍA 5E UTP, 3FT-0.9M, COLOR AZUL	USD 1,90
VCU0007A	PCV5E-10B	PATCH CORD PCV5E-10B CATEGORÍA 5E UTP, 10FT-3M, COLOR AZUL	USD 4,35
PATCH PANEL CATEGORÍA 5e UTP			
VCU0005A	PP5EV-24	PATCH PANEL PP5EV-24 CATEGORÍA 5E 24 PUERTOS 1UR 19	USD 45,00
JACKS RJ45 CATEGORÍA 6 UTP, PONCHADO SIN HERRAMIENTA			
VCU0002B	JT6V-B	JACK CATEGORÍA 6 UTP JT6V-B AZUL, PONCHADO SIN HERRAMIENTA	USD 3,10
VCU0003B	JT6V-W	JACK CATEGORÍA 6 UTP JT6V-W BLANCO, PONCHADO SIN HERRAMIENTA	USD 3,10
VCU0004B	JT6V-BL	JACK CATEGORÍA 6 UTP JT6V-BL NEGRO, PONCHADO SIN HERRAMIENTA	USD 3,10
PATCH CORDS RJ45 CATEGORÍA 6 UTP			
VCU0005B	PCV6-03B	PATCH CORD PCV6-03B CATEGORÍA 6 UTP, 3FT-0.9M, COLOR AZUL	USD 3,15
VCU0006B	PCV6-03G	PATCH CORD PCV6-03G CATEGORÍA 6 UTP, 3FT-0.9M, COLOR GRIS	USD 3,15
VCU0007B	PCV6-10B	PATCH CORD PCV6-10B CATEGORÍA 6 UTP, 10FT-3M, COLOR AZUL	USD 5,20
VCU0008B	PCV6-10G	PATCH CORD PCV6-10G CATEGORÍA 6 UTP, 10FT-3M, COLOR GRIS	USD 5,20
PATCH PANEL CATEGORÍA 6 UTP			
VCU0009B	PP6V-24	PATCH PANEL PP6V-24 CATEGORÍA 6 24 PUERTOS 1UR 19"	USD 67,25
VCU0010B	PP6V-48	PATCH PANEL PP6V-48 CATEGORÍA 6 48 PUERTOS 2UR 19"	USD 139,75
JACKS RJ45 CATEGORÍA 6A, PONCHADO SIN HERRAMIENTA			
VCU0002C	J6AV-SH	JACK CATEGORÍA 6A FTP J6AV-SH, PONCHADO SIN HERRAMIENTA	USD 7,10
PATCH CORD S/FTP RJ45 CATEGORÍA 6A			
VCU0003C	PCV6A-03B	PATCH CORD PCV6A-03B CATEGORÍA 6A SFTP, 3FT-0.9M, COLOR AZUL	USD 5,15
VCU0004C	PCV6A-03W	PATCH CORD PCV6A-03G CATEGORÍA 6A SFTP, 3FT-0.9M, COLOR BLANCO	USD 5,15
VCU0005C	PCV6A-10B	PATCH CORD PCV6A-10B CATEGORÍA 6A SFTP, 10FT-3M, COLOR AZUL	USD 8,20
VCU0006C	PCV6A-10W	PATCH CORD PCV6A-10G CATEGORÍA 6A SFTP, 10FT-3M, COLOR BLANCO	USD 8,20

COMPLEMENTOS Y ACCESORIOS PARA CABLEADO ESTRUCTURADO



CÓDIGO	REFERENCIA	DESCRIPCIÓN	PRECIO UNITARIO
HERRAJES VACÍOS			
VCU0001D	BPPV-24	HERRAJE VACÍO BPPV-24 PARA 24 JACKS UTP 1UR 19"	USD 30,50
VCU0002D	BPPV-48	HERRAJE VACÍO BPPV-48 PARA 48 JACKS UTP 2UR 19"	USD 60,00
VCU0003D	BPPV-24SH	HERRAJE VACÍO BPPV-24SH PARA 24 JACKS FTP 1UR 19"	USD 35,50
VCU0004D	BPPV-48SH	HERRAJE VACÍO BPPV-48SH PARA 48 JACKS FTP 2UR 19"	USD 60,00
FACE PLATES			
VCU0005D	FPV-1P	FACE PLATE FPV-1P PARA 1 JACK, BLANCO, CON ESPACIO PARA IDENTIFICACION	USD 1,00
VCU0006D	FPV-2P	FACE PLATE FPV-2P PARA 2 JACKS, BLANCO, CON ESPACIO PARA IDENTIFICACION	USD 1,00
HERRAMIENTAS DE TERMINACIÓN			
VCU0007D	CTV-RJ	PONCHADORA METÁLICA CTV-RJ PARA PLUG RJ45/RJ11	USD 22,00
VCU0008D	CTV-IDC	PONCHADORA DE IMPACTO CTV-IDC	USD 13,00
ACCESORIOS			
VCU0008A	MPV5E-RJ45	PLUG MODULAR MPV5E-RJ45 RJ45 CAT 5E, 50µm	USD 0,30
VCU0007C	MPV6ASH-RJ45	PLUG MODULAR MPV6ASH-RJ45 RJ45 CAT 6A BLINDADO	USD 7,75
VCU0009D	BRJ45V-B	BOTA PROTECTORA BRJ45V-B AZUL PARA PLUG	USD 0,10
VCU0010D	BRJ45V-G	BOTA PROTECTORA BRJ45V-G GRIS PARA PLUG	USD 0,10



BPPV-24SH



FPV-2P

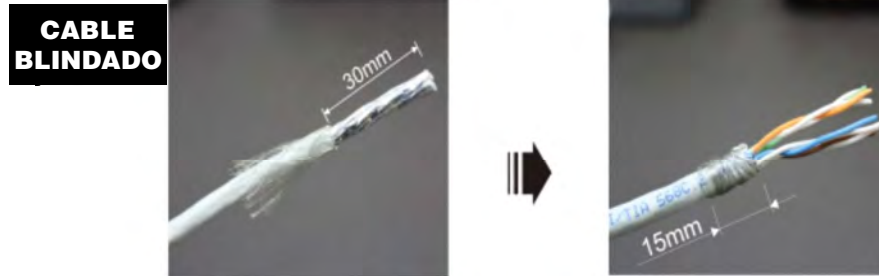


CTV-RJ

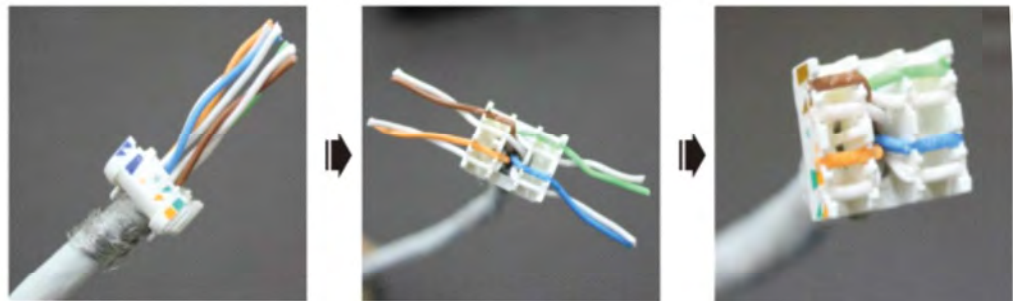


GUÍA DE PONCHADO DE JACKS CATEGORÍA 6A BLINDADO

- Remueva 3 cm de la chaqueta del cable bajo la pantalla con foil o malla que cubre los pares y colóquela sobre la chaqueta del cable.



1. Pase los cables a través del organizador , Inserte cada par de cables en la posición designada según el esquema de código de colores. Recorte al ras el exceso de cable

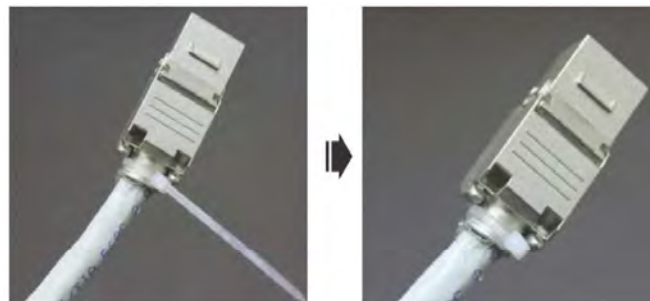


!Precaución! Los excesos de cables deben ser cortados al ras de la tapa, de lo contrario esto podría causar una terminación incorrecta y presentar fallas.

3. Asegúrese de que cada cable ajuste en la ranura de forma segura. Cubra el organizador de cables precableado. Presione uniformemente las alas de la tapa una hacia la otra hasta que cierre automáticamente.



- 4 Envuelva el hilo de tierra alrededor del blindaje, para asegurar la conexión a tierra. Corte el exceso.



NOTA

Si cualquier conductor fue terminado y quedo mas grande de 0.6mm(23 AWG). Reducirlos ya no es posible.

Desconexión



Corte la correa. Use un destornillador plano para desbloquear el conector.