



4/3/2023

## Junta Central Electoral OFERTA TECNICA







Calle Gaspar Polanco #45, Bella Vista, Santo Domingo, R.D.

Tel.: 809-255-2000 / RNC: 131189522 / RPE 45461


Correo: [jvillanueva@itcorp.do](mailto:jvillanueva@itcorp.do)

NOMBRE DEL OFERENTE: itcorp Gongloss SRL

Adquisición de Materiales de Redes

Item No.	Descripción del Bien, Servicio u Obra	Unidad de medida	Cantidad	Imágenes Referenciales
1	Caja Cable LANPRO CABLE CAT6 UTP CM 24 AWG AZUL 0.50mmDIAMETRO NOMINAL Y NYLON FLEXIBLE	unidad	50	
2	Patch Panel LANPRO PATCH PANEL CAT-6 24 PUERTOS 90 GRADOS	unidad	15	
3	Organizador LANPRO DE CABLE HORIZONTAL 2U	unidad	150	
4	Patch Cord LANPRO CAT6 1M GRIS ALTA DENSIDAD 28AWG	unidad	350	
5	Patch Cord LANPRO CAT6 2M AZUL 28AWG	unidad	350	
6	Gabinete APC 42U 600MM WIDE X 1060MM	unidad	2	



				
8	LANPRO JACK MODULAR CAT6 COLOR AZUL	unidad	350	
9	LANPRO FACEPLATE VERTICAL 1 PTO	unidad	225	
10	LANPRO FACEPLATE VERTICAL 2 PTO	unidad	63	
11	Brida para tira de cables con velcro Tak-Ty 15"L 75"W BLACK	unidad	5	
12	Tirillas (Tie-wrap) plásticas 6 pulgadas color negro	unidad	500	
Tiempo de entrega: de 15 días despues de la firma y certfacion del contrato Validez de la Oferta: 30 Días Condición de Pago: 30 días				

Ruddy Gonzalez en calidad de Gerente debidamente autorizado para actuar en nombre y representación de Itcorp Gongloss, SRL.

  
 Jessica Villanueva / Consultor De Ventas  
 T: 809-255-2000 Ext: 105  
 www.itcorp.do / jvillanueva@itcorp.do





3 de abril de 2023

# Junta Central Electoral

## PRESENTACIÓN DE OFERTA

Señores

**Junta Central Electoral**

**COMITÉ DE COMPRAS Y CONTRATACIONES**

Nosotros, los suscritos, declaramos que:

- a) Hemos examinado y no tenemos reservas a los Pliegos de Condiciones para la Licitación de referencia, incluyendo las siguientes enmiendas/ adendas realizadas a los mismos:

### No Enmiendas no adendas

- a) De conformidad con los Pliegos de Condiciones y según el plan de entrega especificado en el Programa de Suministros/ Cronograma de Ejecución, nos comprometemos a suministrar los siguientes bienes y servicios conexos, o ejecutar los siguientes servicios u Obras:

**Caja Cable UTP Lanpro Cat6 CM 24AWG azul (1000ft)**

**Patch Panel Lanpro 24 Puertos Cat6**

**Organizador Horizontal Lanpro 2U**

**Patch Cord Lanpro Cat 6 3 pies (1M) Gris 28AWG**

**Patch Cord Lanpro Cat 6 7 pies (2M) Azul 28AWG**

**Gabinete APC 42U 600MM WIDE X 1060MM**

**Jack Lanpro Cat6 Azul o Blanco**

**Face Plate Lanpro 1 salida Vertical**

**Face Plate Lanpro 2 salidas Vertical**

**Rollo de cinta Velcro 10M (30 pies)**



DISTRIBUCIÓN Y COPIAS  
Original 1 – Expediente de Compras  
Copia 1 – Agregar Destino




**Tirillas (Tie-wrap) plásticas 6 pulgadas color negro**

- b) Si nuestra oferta es aceptada, nos comprometemos a obtener una garantía de fiel cumplimiento del Contrato, de conformidad con los Pliegos de Condiciones de la Licitación, por el importe del **UNO POR CIENTO (1%)** del monto total de la adjudicación, para asegurar el fiel cumplimiento del Contrato.
- c) Para esta licitación no somos partícipes en calidad de Oferentes en más de una Oferta, excepto en el caso de ofertas alternativas, de conformidad con los Pliegos de Condiciones de la Licitación.
- d) Nuestra firma, sus afiliadas o subsidiarias, incluyendo cualquier subcontratista o proveedor de cualquier parte del Contrato, no han sido declarados inelegibles por el Comprador para presentar ofertas.
- e) Entendemos que esta Oferta, junto con su aceptación por escrito que se encuentra incluida en la notificación de adjudicación, constituirán una obligación contractual, hasta la preparación y ejecución del Contrato formal.
- f) Entendemos que el Comprador no está obligado a aceptar la Oferta evaluada como la más baja ni ninguna otra de las Ofertas que reciba.

**RUDDY GONZALEZ** en calidad de **GERENTE GENERAL** debidamente autorizado para actuar en nombre y representación de **ITCORP GONGLOSS SRL**

Firma



Sello



**LP-C6M10BLB LanPro Reliable® Unshielded CAT 6 U/UTP Network Cable, CM-rated with Solid 100% Copper Conductors AWG 24 and Flexible-X™ Nylon core for symmetry and blue jacket in 1000 ft (305m) Easy Pull-Box.**

LPC6M10BLB\_SS\_ENB01W

### Features

- ❑ Ultra Flexible.
- ❑ Superior performance to traditional designs.
- ❑ 568-A and 568-B compatible.
- ❑ Exceeds ANSI/TIA-568-C.2, ISO/IEC 11801, CSA FT1 requirements.
- ❑ Vertical-Tray, CSA FT1 requirements.
- ❑ Rugged Construction.
- ❑ RipCord included.
- ❑ Backward compatible with CAT 5e and CAT 5 systems.
- ❑ Excellent price/performance ratio.
- ❑ Blue color jacket.
- ❑ Four (4) AWG 24 Twisted Pairs.
- ❑ Flame rating: CM thermoplastic cover Jacket with a thickness of 0.55 mm.
- ❑ Reliable 6® is a robust product.
- ❑ Packaged in one convenient presentation: 1000 feet (305m) Easy-pull Box.
- ❑ The Geometry is better with Flexible-X™ technology.
- ❑ Operating voltage: <48 Vrms.
- ❑ ETL No.105135730CRT-001a.

### Applications

- ❑ Unshielded LanPro Reliable® CAT 6 U/UTP Network CM-rated is intended for Gigabit Ethernet, 100BASE-Tx, token-ring, 155 Mbps ATM, 100 Mbps TP-PMD, ISDN, analog (Broadband, Baseband), digital video and Voice over IP (VoIP), it can also be used for Video surveillance IP cameras.



### LP-C6M10BLB

**LanPro Reliable® Unshielded CAT 6 U/UTP Network Cable, CM-rated with Solid 100% Copper Conductors AWG 24 and Flexible-X™ Nylon core for symmetry and blue jacket in 1000 ft (305m) Easy Pull-Box.**

The LP-C6M10BLB LanPro Reliable® Unshielded CAT 6 U/UTP Network Cable, CM-rated with Solid 100% Copper Conductors AWG 24 with Flexible-X™ Nylon core for symmetry and blue jacket in 1000 ft (305m) Easy-Pull Box is the answer given by LanPro to the large demand imposed by today's high performance applications at reasonable prices.

Tested to well over 250 MHz, the guaranteed performance of this cable meets the ANSI/TIA-568-C.2, ISO/IEC 11801, CSA FT1 requirements, ETL registered 105135730CRT-001a, making it ideal for transmission links supporting today's networking protocols.

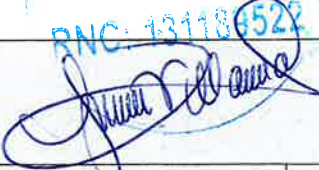
ETL certified for CM commercial applications, the unshielded LanPro Reliable® CAT 6 U/UTP Network Cable is available for immediate delivery in blue color, other colors available under request.

Now with "Flexible-X™" construction, Reliable® CAT 6 cable isolates and arranges the pairs throughout the length of the cable, improving field installation as well as performance.

ITC® RP  
RNC: 131189522

**A Technical Specifications**

<b>Conductor</b>	Material	Copper 100%		
	AWG #	24		
	Nominal Diameter (mm)	0.50	Positive tolerance	+0.005
			Negative tolerance	-0.005
<b>Insulation</b>	Material	HDPE (High Density Polyethylene)		
	Diameter (mm)	0.88±0.05		
	Color	A - Blue, White-Blue B - Orange, White-Orange C - Green, White-Green D - Brown, White-Brown		
<b>Ripcord</b>	Yes			
<b>Separator</b>	Flexible-X™			
<b>Drain wire</b>	None			
<b>Jacket</b>	Thickness	0.55±0.05 mm		
	External diameter (O.D.)	5.5±0.4 mm		
	Surface finish	Clean, FRAP, Satination		
	Material	CM Rated, complies RoHS		
	Color	Blue		
<b>Markings</b>	Type height	3.0±0.3 mm		
	Color	Black		
	Print error & space	≤ ±0.5%, 1m		
<b>Packaging</b>	Wooden Tray & Carton			
	Product length	305 ± 1.5 m		
	Carton Dimensions	According to the requires		
<b>Physical properties</b>	Temperature Range	-20°C to 75°C		
<b>Mechanical characteristics</b>	Tensile strength before Aging (Mpa)	≥13.5		
	Elongation before aging (%)	≥150		
	Aging Period (°C x hours)	100°C x 24 h x 7d		
	Tensile strength after Aging (Mpa)	≥12.5		
	Elongation after aging (%)	≥125		
	Cold Bend (-20±2°Cx4h)	No visible cracks		
	Bending Radius	8x external Dia. during install		
<b>Electrical Properties (20°C)</b>	Impedance (1.0 - 250.0 MHz)	100 ±15 Ohm		
	Delay skew @20°C (1.0 - 250.0 MHz)	≤ 45 ns/100m		
	Maximum DC Resistance @ (20°C)	9.5 Ohm/100 m		
	% Resistance unbalance between conductors (Max)	5 %		

ITC CORP  
 PNC: 131184528  


**Certification**



**Cable ID: LANPRO-CAT6 24AWGG**

Date / Time: 08/13/2018 02:18:29 PM  
 Headroom 3.7 dB (NEXT 12-38)  
 Test Limit: TIA Cat 6 Perm. Link  
 Cable Type: Cat 6 U/UTP  
 Calibration Date: 06/28/2018

Operator: LANPRO NETWORKS  
 Software Version: 2.7800  
 Limits Version: 1.9500  
 NVP: 69.0%

**Test Summary: PASS**

Model: DTX-1800  
 Main S/N: 9514069  
 Remote S/N: 9514070  
 Main Adapter: DTX-PLA002  
 Remote Adapter: DTX-PLA002

Length (ft), Limit 295	[Pair 45]	274
Prop. Delay (ns), Limit 498	[Pair 12]	420
Delay Skew (ns), Limit 44	[Pair 12]	17
Resistance (ohms)	[Pair 12]	15.3
Insertion Loss Margin (dB)	[Pair 12]	2.5
Frequency (MHz)	[Pair 12]	249.5
Limit (dB)	[Pair 12]	31.1

Worst Case Margin Worst Case Value

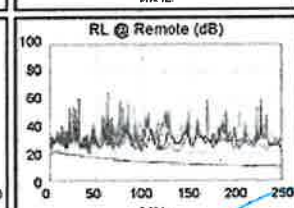
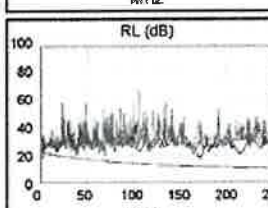
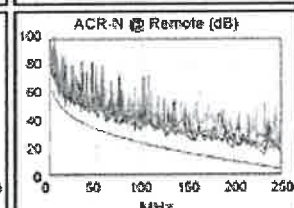
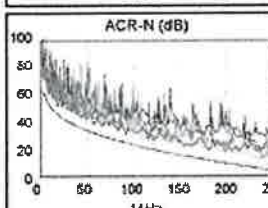
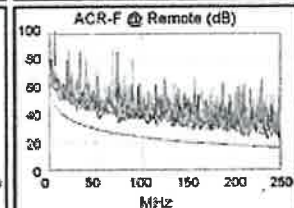
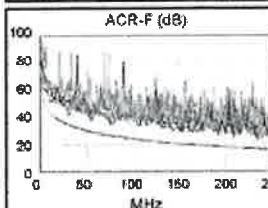
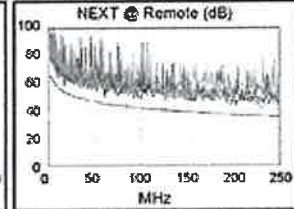
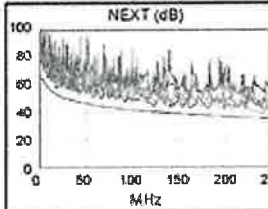
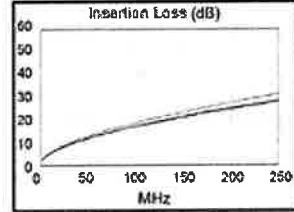
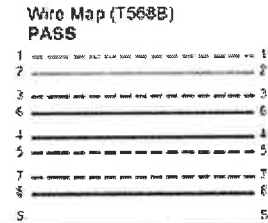
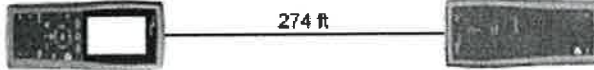
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-78	12-36	36-78
NEXT (dB)	3.7	4.8	3.7	4.8
Freq. (MHz)	240.5	230.5	240.5	230.5
Limit (dB)	35.6	35.9	35.6	35.9
Worst Pair	36	45	36	36
PS NEXT (dB)	3.4	5.5	3.4	6.6
Freq. (MHz)	240.0	61.3	240.0	230.5
Limit (dB)	33.0	42.8	33.0	33.3

PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	45-36	45-36	45-36
ACR-F (dB)	5.9	6.2	5.9	6.2
Freq. (MHz)	235.0	249.0	235.0	249.0
Limit (dB)	16.8	16.3	16.8	16.3
Worst Pair	78	36	78	36
PS ACR-F (dB)	8.1	7.8	8.2	7.8
Freq. (MHz)	219.5	249.0	248.0	249.0
Limit (dB)	14.4	13.3	13.3	13.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-36	36-78
ACR-N (dB)	5.5	6.0	6.8	7.8
Freq. (MHz)	18.4	16.9	243.5	230.5
Limit (dB)	46.1	47.0	4.9	6.2
Worst Pair	36	45	36	36
PS ACR-N (dB)	5.7	6.7	7.0	9.6
Freq. (MHz)	17.3	61.3	243.5	230.5
Limit (dB)	44.4	28.6	2.3	3.6

PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	2.5	2.6	6.3	2.6
Freq. (MHz)	17.0	42.8	173.0	42.8
Limit (dB)	19.8	17.7	11.6	17.7

Compliant Network Standards:  
 10BASE-T      100BASE-TX      100BASE-T4  
 100BASE-T      ATM-25      ATM-51  
 ATM-155      100VG-AnyLAN      TR-4  
 TR-16 Active      TR-16 Passive



Project: LANPRO TESTING  
 Untitled1

Site: LANPRO LABS

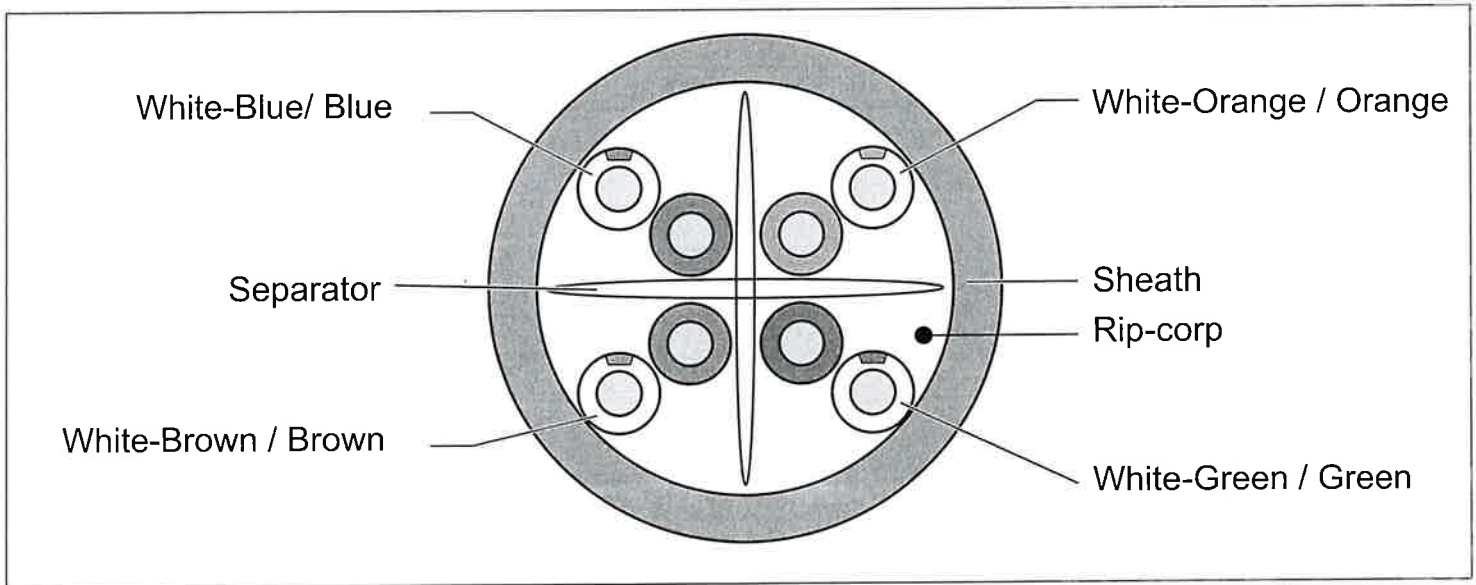
FLUKE RNC: 131189522

networks  
*John Olsson*

**C Certification Characteristics**

Freq.(MHz)	RL > dB	ATT ≤dB	NEXT ≥dB	Retraso ≤ns	PSNEXT > dB	ELFEXT > dB	PSELFEXT ≥ dB
1	19.1	3.0	65.0	570.0	62.0	64.2	61.2
4	21.0	3.5	64.1	552.0	61.8	52.1	49.1
8	21.0	5.0	59.4	546.7	57.0	46.1	43.1
10	21.0	5.5	57.8	545.4	55.5	44.2	41.2
16	20.0	7.0	54.6	543.0	52.2	40.1	37.1
20	19.5	7.9	53.1	542.1	50.7	38.2	35.2
25	19.0	8.9	51.5	541.2	49.1	36.2	33.2
31.25	18.5	10.0	50.0	540.4	47.5	34.3	31.3
62.5	16.0	14.4	45.1	538.6	42.7	28.3	25.3
100	14.0	18.6	41.8	537.6	39.3	24.2	21.2
200	11.0	27.4	36.9	536.5	34.3	18.2	15.2
250	10.0	31.1	35.3	536.3	32.7	16.2	13.2

**D Structure**



**How to order**

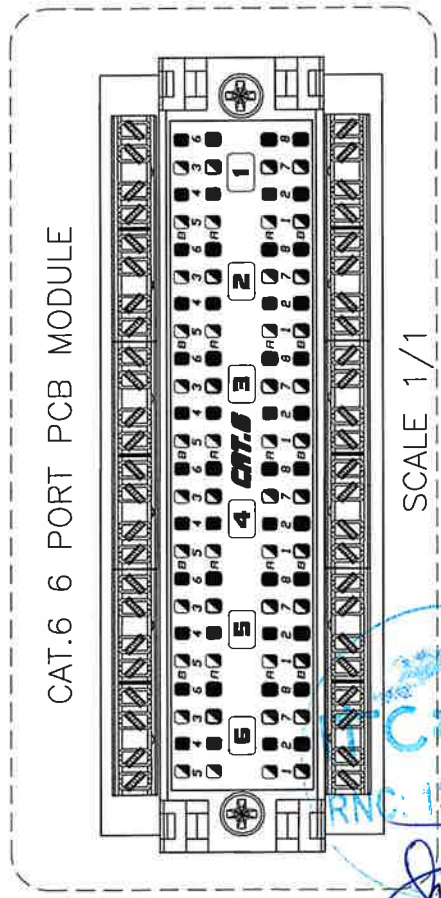
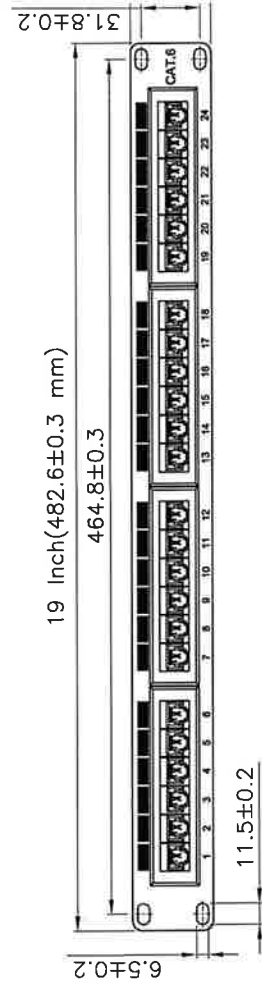
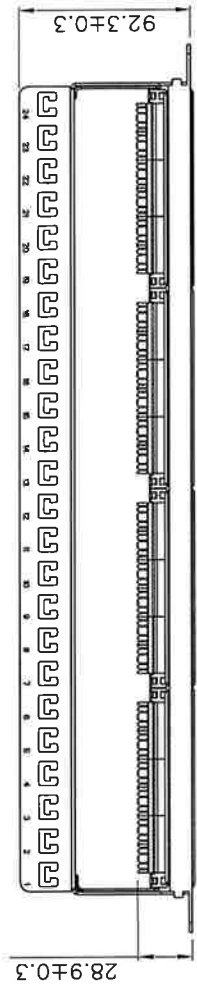
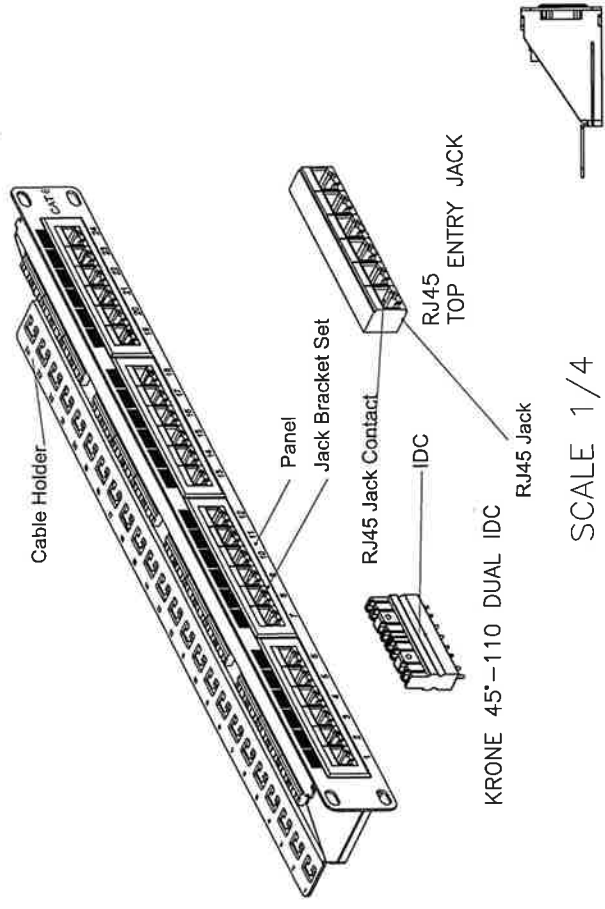
**LP-C6M10BLB LanPro Reliable® Unshielded CAT 6 U/UTP Network Cable, CM-rated with Solid 100% Copper Conductors AWG 24 and Flexible-X™ Nylon core for symmetry and blue jacket in 1000 ft (305m) Easy Pull-Box.**

ITC RP

RNC: 131189522

*LanPro is continuously improving its products and reserves the right to change specifications and availability without prior notice.*





**CARP**

RNC: 131189522

*[Signature]*

GENERAL TOLERANCE OF DIMENSIONS X.XXX ±0.005 X.XX ±0.015 X.X ±0.1	DRAWING	16.DEC.2004	YL
	CHECK	16.DEC.2004	BF
	APPROVAL	16.DEC.2004	KM
SCALE		1/5 (A4)	UNIT
		DATE	NAME
		DRAWING NO.	LPP8C62490USB_DD_SPB01W
		DRAWING CLASSIFICATION	S SHEET 1 OF 1

ITEM NO.: LP-P8C62490USB	
DES.: PATCH PANEL CAT 6 DE 24 PTOS CON BARRA DE Y ANGULO DE ENTRADA EN 90° SERIE 8000 SIN B	

**LP-RU07HPOXX Single Side Plastic Cable Manager Universal Series, 19" wide Horizontal**

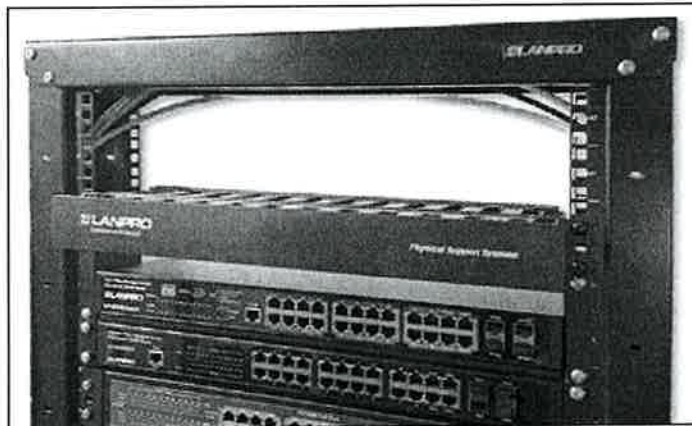
LPRU07HPOXX\_SS\_ENB01W



**Features**

- Single side plastic cable manager.
- Mounting horizontally on standard 19" cabinet.
- Material: Fully Plastic.
- Color: Black.

**LP-RU07HPOXX  
Single Side Plastic Cable Manager Universal Series,  
19" wide Horizontal.**



Our Universal Series 19" horizontally mounted plastic cable panels provide the solution to those loose cables in the front of your rack or cabinet.

Available in Simplex section, it can be ordered in two heights to choose from and with enough openings to pass the wires through.

**A How to order**

LP-RU07HPO01	Single Side Plastic Cable Manager Universal Series, 19" wide Horizontal with 1U Height.
LP-RU07HPO02	Single Side Plastic Cable Manager Universal Series, 19" wide Horizontal with 2U Height.

*LanPro is continuously improving its products and reserves the right to change specifications and availability without prior notice.*

ITC  
12118952  
*[Handwritten Signature]*

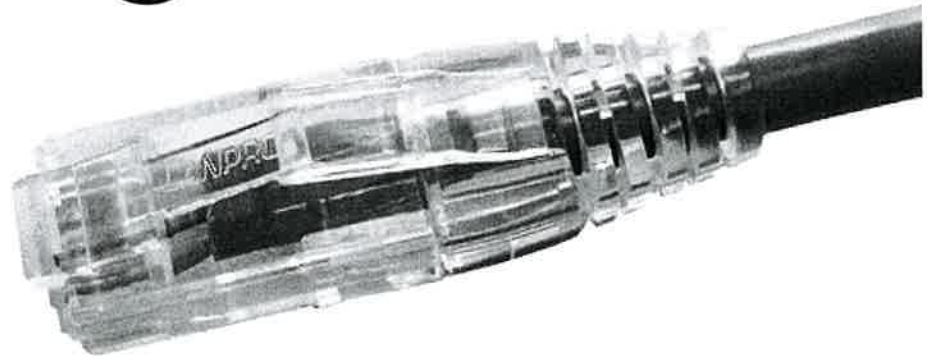
# LP-4C6DUCXX Patch cord para Centro de Datos CAT 6 U/UTP de alta densidad, sin blindaje, tipo Clear, AWG 26, con chaqueta clasificada CM.

LP4C6DUCXX\_SS\_SPB01W



## Características

- ❑ Cumplimiento de las normas ISO/IEC 60603-7, ANSI/TIA 568-C.2.
- ❑ Construcción 100% cobre, cable entorchado AWG 26 de alta flexibilidad. (Sin aluminio).
- ❑ Soporta redes 1 GB y 1000-base-T.
- ❑ Los cables CAT 6 son compatibles con módulos CAT 5e Y CAT 5 de más baja categoría.
- ❑ Compatible 568A/B.
- ❑ Diferentes colores bajo pedido.
- ❑ Longitudes de 0.5m, 1m, 2m, 3m, 4m, 6m y 10m actualmente disponibles. (Aprox.: 1.5, 3, 6, 10, 13, 20 y 32.5').
- ❑ Otras longitudes bajo pedido.



## LP-4C6DUCXX Patch cord para Centro de Datos CAT 6 U/UTP de alta densidad, sin blindaje, tipo Clear, AWG 26, con chaqueta clasificada CM.

Los Patch cords para Centro de Datos CAT 6 de alta densidad, sin blindaje U/UTP, tipo Clear, AWG 26, son la clave para la nueva generación de sistemas de cableado de alta velocidad y desempeño.

Los Patch cords para Centro de Datos CAT 6 de alta densidad de LanPro están hechos con un cable flexible de alta calidad, lo cual se traduce en curvas suaves y fácil manejo.

Todos los cables LanPro son 100% probados en fábrica utilizando equipos de prueba de primera línea.

No comprometa el rendimiento de su instalación con cables caseros o imitaciones baratas. Los patch cords de alta densidad de LanPro no sólo son muy buenos, sino también muy asequibles. Nuestras unidades están garantizadas para cumplir con las normas ISO / IEC 60603-7 y cumplen con el requisito ANSI / TIA 568-C.2.

Los cables terminados y probados en fábrica son necesarios para lograr un rendimiento consistente de canal de categoría 6.

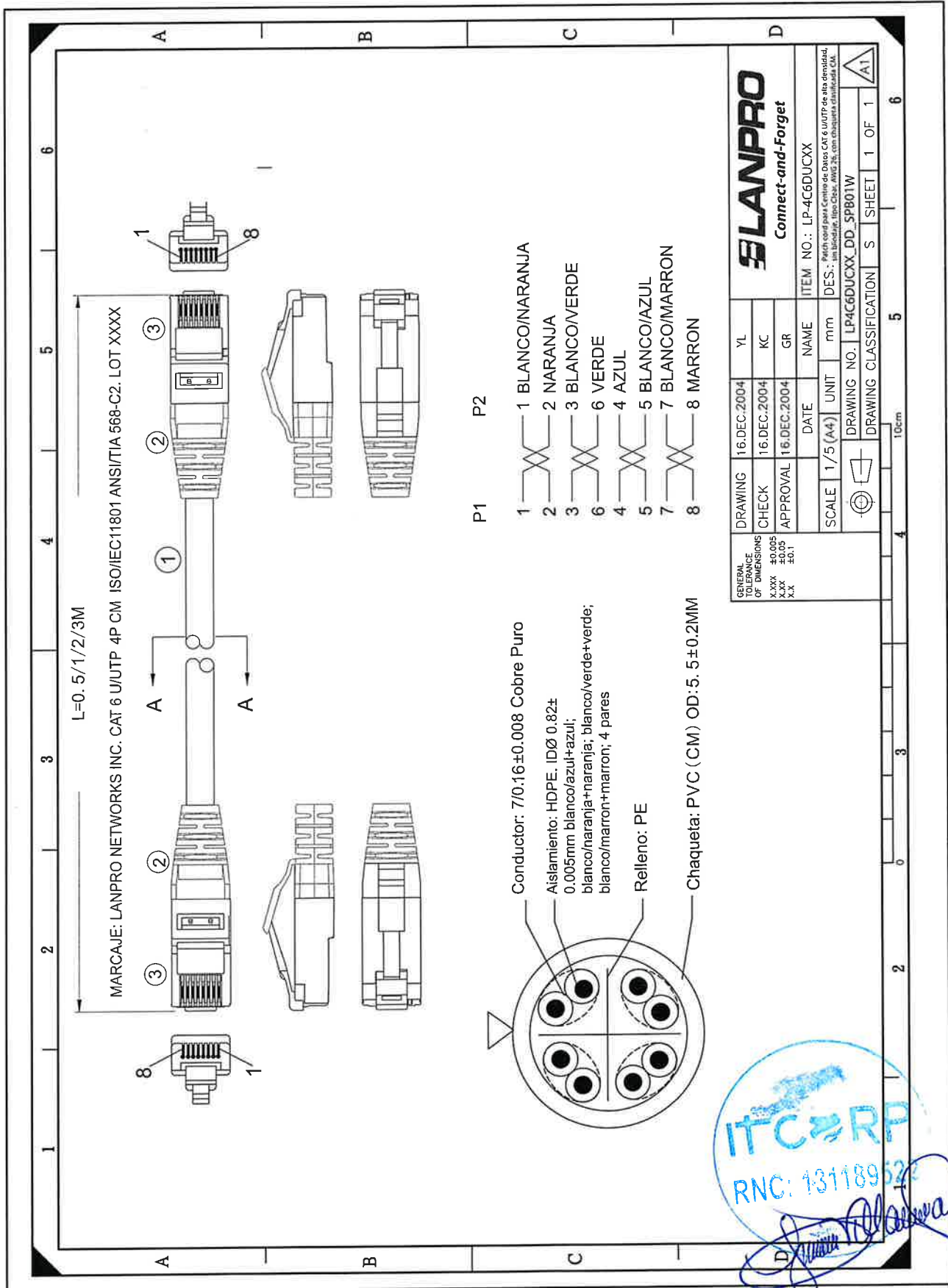


## A Especificaciones Técnicas

<b>Descripción</b>	Ancho de Banda	250 MHz
	Diámetro externo	5.5mm
	Conductor	AWG26
	Cumplimientos	CM
	Conector	Conector RJ45 Chapado en oro de 30u"
<b>Características físicas</b>	Tipo de cable	CAT 6 U/UTP
	Tipo de conector	RJ45
	Esquema de cableado	T658B
	Temperatura	60°C
	Voltaje	30V
<b>Conductor</b>	Tipo de conductor	Cobre 100% entorchado
	Aislamiento	HDPE
	Diámetro	0.82±0.05mm
	Identificación de los pares	Par 1= Naranja, Naranja-Blanco Par 2= Azul, Azul-Blanco Par 3= Verde, Verde-Blanco Par 4= Marrón, Marrón-Blanco
<b>Tipo de conector</b>	Tipo de conector	8P8C (RJ45)
	Cruce PE	4.4 x 4.4mm
<b>Cable</b>	Chaqueta	PVC (CM)
	Espesor promedio mínimo	0.60mm
	Diámetro externo	5.5±0.20mm



**B Dibujo Dimensional**



<b>LANPRO</b> Connect-and-Forget		YL	16.DEC.2004	16.DEC.2004	16.DEC.2004	DATE	NAME	ITEM NO.: LP-4C6DUCXX
GENERAL TOLERANCE OF DIMENSIONS	X.XXX ±0.005	KC	CHECK	APPROVAL	SCALE	1/5 (A4)	UNIT	mm
	X.XXX ±0.05	GR						DRAWING NO. LP4C6DUCXX_DD_SPB01W
	X.X ±0.1							DES.: un blindaje, tipo Chat, AWG 26, con chaqueta estirada a CA.
								DRAWING CLASSIFICATION S SHEET 1 OF 1

ITC  
RNC: 131189522

## Como Ordenar

### LP-4C6DUCCLJ

LP-4C6D		UC
Patch cord CAT 6 U/UTP de alta densidad, sin blindar		<b>Tipo de plug</b> Sin blindar tipo Clear
CC	L	J
Color	Longitud	Chaqueta
<b>BK:</b> Negro <b>GR:</b> Gris <b>RD:</b> Rojo <b>WH:</b> Blanco <b>YL:</b> Amarillo <b>BL:</b> Azul <b>GN:</b> Verde <b>OR:</b> Naranja <b>PR:</b> Violeta <b>PK:</b> Rosado	<b>05=</b> 0.5m <b>1=</b> 1m <b>2=</b> 2m <b>3=</b> 3m <b>4=</b> 4m <b>6=</b> 6m <b>10=</b> 10m	<b>X:</b> CMX <b>C:</b> CM <b>R:</b> CMR <b>P:</b> CMP <b>L:</b> LSZH <b>V:</b> PVC <b>E:</b> PE

### Ejemplo:

<b>LP-4C6DUCWH05C</b>	Patch cord para Centro de Datos CAT 6 U/UTP de alta densidad, sin blindar, tipo Clear, AWG 26, con chaqueta clasificada CM color blanco, 0.5m de longitud.
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# Product data sheet

Specifications



## APC NetShelter SX, Server Rack Enclosure, 42U, Black, 1991H x 600W x 1070D mm

AR3100

### Overview

Lead time Usually in Stock

### Main

Number of rack unit 42U

Provided equipment  
Baying hardware  
Key(s)  
Keyed-alike doors and side panels  
Leveling feet  
Mounting Hardware  
Pre-installed casters  
Side Panels

### Physical

Height 78.39 in (199.1 cm)

Width 23.62 in (60 cm)

Depth 42.13 in (107 cm)

Net Weight 275.78 lb(US) (125.09 kg)

Color Black

Mounting preference No preference

Mounting Mode Not rack-mountable

Maximum Mounting Depth 36.02 in (91.49 cm)

Minimum Mounting Depth 7.52 in (19.1 cm)

Rack Width 19"

Marking  
14 gauge EIA mounting rail  
16 gauge front door  
16 gauge post  
18 gauge rear door  
18 gauge roof  
18 gauge side panels



## Ordering and shipping details

Category	11309 - APC RESALE PRODUCTS
GTIN	731304226390
Returnability	No
Country of origin	US

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	83.39 in (211.8 cm)
Package 1 Width	29.61 in (75.2 cm)
Package 1 Length	45.51 in (115.6 cm)
Package 1 Weight	318.68 lb(US) (144.55 kg)

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
Take-back	Take-back program available

## Contractual warranty

Warranty	5 year repair or replace
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Recommended replacement(s)





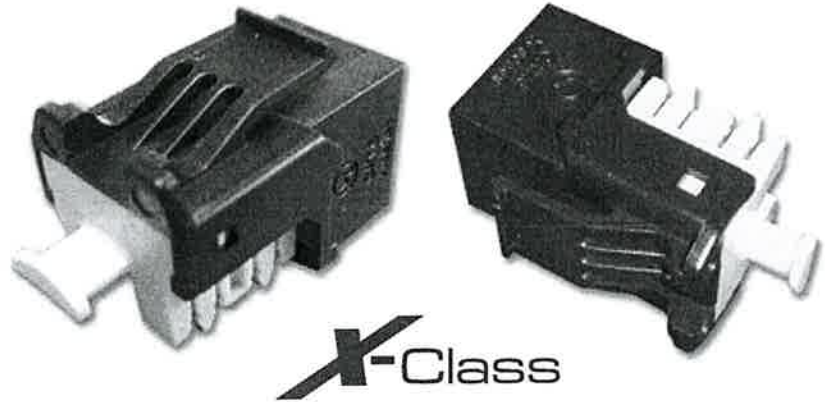
## LP-XC6PUSXX

**8000 Series CAT 6 8P8C RJ45, X-Class Robotic Manufactured Keystone®  
Compatible Unshielded Jack, 90° IDC.**

LPXC6PUSXX\_SS\_ENB01W

### Features

- Fit for CAT 6 general cable distribution system, backward compatible with CAT 5e, CAT 5 and CAT 3 systems.
- Compliant with ISO/IEC 11801. 2002 CLASS & ANSI/TIA 568-C.2 CAT 6 T568-A and T568-B punching sequences are both compatible.
- Compliant with IEC 60603-7-4.
- UL® and ULc® certified under number# DUXR.E329018.
- Our standard style allows compatibility with many other brands and systems.
- Unshielded, rugged.
- Connection type FCC connector for RJ45 patch cords and IDC for 4-pair CAT 6 cables.
- High performance copper alloy contacts with 50 microinches of gold plating.
- 750 mating cycles minimum for RJ45.
- 250 mating cycles minimum for IDC.
- Competitively priced.
- Material: ABS UL94V-0.
- Positive latch system.
- UTP capable.
- Compatible with 110 punch down tools.
- Suitable for 23-26 AWG solid and stranded cable.
- Nine (9) vivid colors to choose from.



### LP-XC6PUSXX

**8000 Series CAT 6 8P8C RJ45, X-Class Robotic Manufactured  
Keystone® Compatible Unshielded Jack, 90° IDC.**

The CAT 6 8P8C RJ45, X-Class Robotic Manufactured Keystone® Compatible Unshielded Jack with 90° IDC are also compatible with our iMC® line of patch panels and flat and angled faceplates.

LanPro has designed them specifically for high speed and bandwidth in excess of 250 MHz. Our modular CAT 6 X-Class Jacks are designed to match our CAT 6 compatible products in a perfect way. All CAT 6 devices are very adaptable to customer changing requirements.

UL® and ULc® certified under number# DUXR.E329018. Our modular CAT 6 X-Class compatible Jacks allow for universal termination, either T568-A or T568-B, and are punch down design 90°, thus offering easiness and flexibility to the installer.

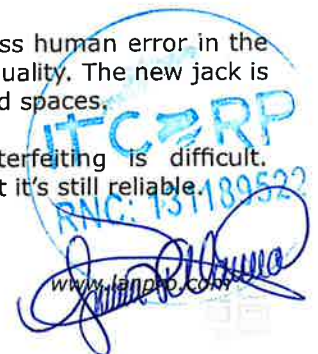
**Notice:** All our Jacks are also suitable for CAT 3 cabling system. Our traditional jacks have been the industrial standard for the last 20 years.

We have sold hundreds of thousands of them worldwide with a huge success. But products evolve due technology/cost improvements and become obsolete and are replaced by ones with better performance.

We decided to completely redesign the 8000 Series Jacks from scratch and up, with a focus on our customers' complaints, recommendations, and imagination! The new jack is designed to be mechanically stronger. Our most innovative improvement is greater reinforcement surrounding the cable feeder. The jack itself is smaller in size and easier to use. It also includes a narrower RJ45 footprint but maintaining the standard Keystone jack compatibility for the standard fixation to a faceplate or patch panel.

Because the jacks are robotically assembled, there is less human error in the manufacturing process ensuring consistency in product quality. The new jack is significantly smaller, which makes it ideal for even limited spaces.

Moreover, with the carved logo and design, counterfeiting is difficult. The locking latch is more flexible and easier to press, but it's still reliable.



**A Specifications:**

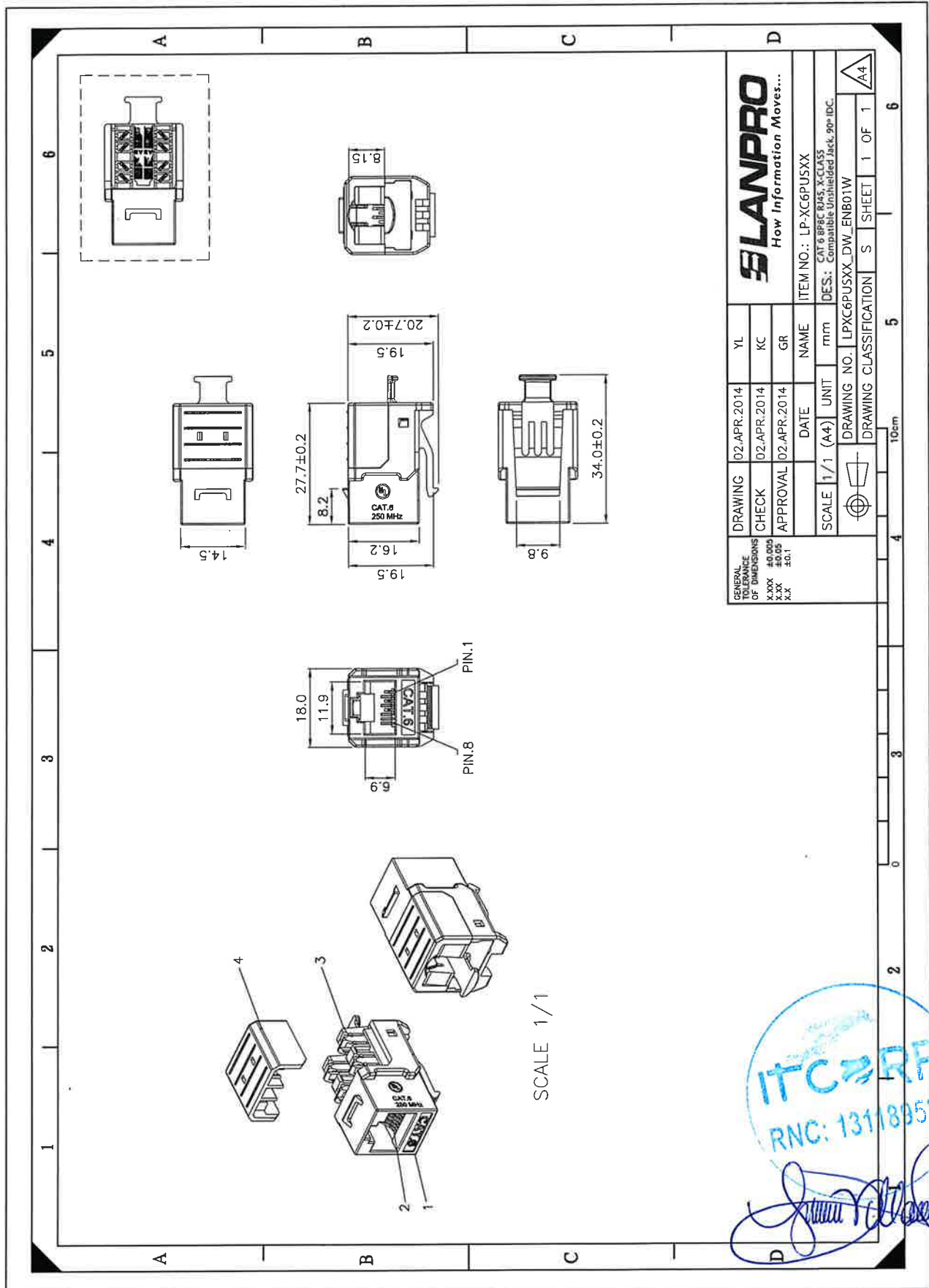
Material	RJ45 Jack	Housing	ABS + PC, UL 94V-0, With optional Color	
		Contact Bracket	PBT+Glasss Fiber, UL 94V-0 with Black Color	
	RJ45 Contact	Material	Phosphor Bronze with Nickel Plating	
		Finish	50 Micro-inch Gold Plating on plug contact area	
	IDC	Housing	PC+Glass Fiber, Grey Color(RAL7035), UL 94V-2	
		Terminales	Phosphor Bronze with Tin Plating	
	IDC Cap	PC 1250Y UL 94 V-2, Transparent Black		
PCB	FR4, UL 94V-0			
Performance	T568A & T568B wiring			
	Insertion Force	20N max. (IEC 60603-7-4)		
	Retention Strength	7.7 Kg between Jack and Plug		
	Operating Temperature	-10 °C a 60 °C. (ISO/IEC 11801, ANSI/TIA 568 C.2)		
	Life (Mating Cycles)	Jack	750 Cycles min. (ISO/IEC 11801, IEC 60603-7-4)	
		IDC	250 Cycles min. Suitable for 23-26 AWG stranded and solid wire, compatible with 110 punch down tool	
The CAT 6 transmission performance is in compliance with the ANSI/TIA 568C.2 standard				

1	Keystone Jack, CAT 6, UTP type, 90° punching direction, for connecting applications of communication ports in working area.		
2	Compact and practical design.		
3	Fastener hats ensure proper fixation of IDC clips.		
4	Compliance of ISO/IEC 11801. ANSI/TIA/EIA 568-B.2 CAT 6 for both T568-A and T568-B punching sequences.		
5	UL® and ULc® certified under number# DUXR.E329018.		
6	Connection type: FCC Connector for RJ45 patch cord and IDC for 4-pair CAT 6 cables.		
7	Fit for CAT 6 general cable distribution system. Backward compatible with CAT 5e and CAT 5 systems.		
8	Punch tool: 110 & Kröne.		
9	Dimensions	Width: 17.0 mm	
		Heigth: 19.6 mm.	
		Depth: 28.0 mm.	
10	Colors	WH= White; BK= Black; OR=Orange; RD= Red; GN= Green, BL= Blue; GR= Grey; YL= Yellow; IV= Ivory	

Note: The microinch ( $\mu$  in) is a common imperial unit of distance equal to one millionth of an inch, 25.4 nanometers (nm), or  $1 \mu$  in = 0.0254  $\mu$ m.

LANPRO  
 PNC: 131485522

**B** Dimensional Diagram:



## How to Order:

<b>LP-XC6PUSWH</b>	8000 Series CAT 6 8P8C RJ45, X-Class Robotic Manufactured Keystone® Compatible Unshielded Jack, 90° IDC, White Color.
<b>LP-XC6PUSBK</b>	8000 Series CAT 6 8P8C RJ45, X-Class Robotic Manufactured Keystone® Compatible Unshielded Jack, 90° IDC, Black Color.
<b>LP-XC6PUSOR</b>	8000 Series CAT 6 8P8C RJ45, X-Class Robotic Manufactured Keystone® Compatible Unshielded Jack, 90° IDC, Orange Color.
<b>LP-XC6PUSRD</b>	8000 Series CAT 6 8P8C RJ45, X-Class Robotic Manufactured Keystone® Compatible Unshielded Jack, 90° IDC, Red Color.
<b>LP-XC6PUSGN</b>	8000 Series CAT 6 8P8C RJ45, X-Class Robotic Manufactured Keystone® Compatible Unshielded Jack, 90° IDC, Green Color.
<b>LP-XC6PUSBL</b>	8000 Series CAT 6 8P8C RJ45, X-Class Robotic Manufactured Keystone® Compatible Unshielded Jack, 90° IDC, Blue Color.
<b>LP-XC6PUSGR</b>	8000 Series CAT 6 8P8C RJ45, X-Class Robotic Manufactured Keystone® Compatible Unshielded Jack, 90° IDC, Gray Color.
<b>LP-XC6PUSYL</b>	8000 Series CAT 6 8P8C RJ45, X-Class Robotic Manufactured Keystone® Compatible Unshielded Jack, 90° IDC, Yellow Color.
<b>LP-XC6PUSIV</b>	8000 Series CAT 6 8P8C RJ45, X-Class Robotic Manufactured Keystone® Compatible Unshielded Jack, 90° IDC, Ivory Color.

ITC RP  
RNC: 131189522  
*[Signature]*

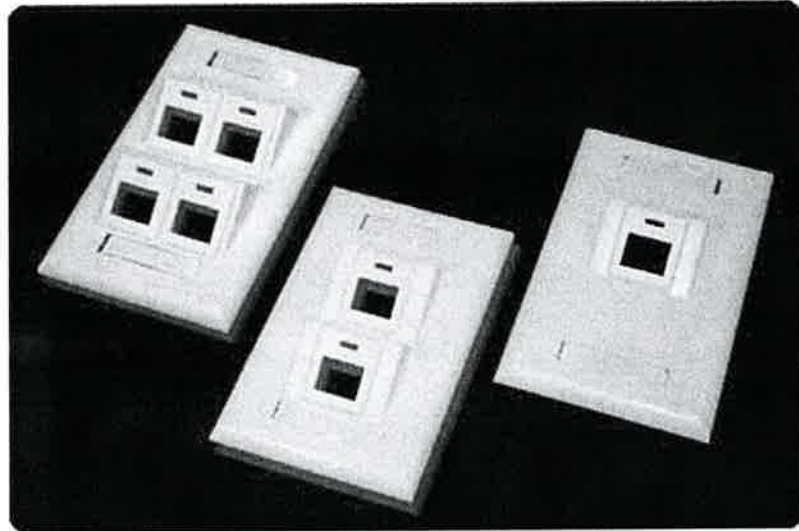
*LanPro is continuously improving its products and reserves the right to change specifications and availability without prior notice.*

## LP-3317XXYY1 Angled Entry Faceplates.

LPANGLEDFACEPLATES\_SS\_ENB01W

### Features

- Conveniently angled for lowering patch cord cable entry stress.
- Lower depth into surface mount box for neat and less mechanical stressed cabling.
- Pressure release identification label covers for quick, tool-less removal.
- Snap-in color coded data/ phone plastic label for easier identification of type of port.
- Thick and Robust molded design.
- ABS UV treated material. Doesn't yellow or crack with sunlight.
- Precise tooling for perfect fitting.
- V series for Vertical alignment.
- Can take CAT 6a, CAT 6, CAT 5e, CAT 5 and CAT 3 phone jacks and most of iMC® Series of RF, video, sound and data keystone sized jacks.
- Interchangeable with most popular brands.



**iMC®**  
COMPATIBLE

## LP-3317XXYY1 Angled Entry Faceplates.

The LanPro Angled Faceplate series are a leap forward design for a better installation from two points of view, the user and the installer.

In regard with the user, the patch cord entry angle to the connector lessens the mechanical stress on the patch cord cable, plug and jack. This stress relief increases the durability of both, the jack and the patchcord.

In regard with the installer, a lower depth into the wall case and a better angle of access for the cabling coming from vertical conduit, eases the cabling effort and neatness and makes for a better installation.

The combined high-capacity with multiple connectors, the possible use of different standard couplers (jacks) devices and of our line of iMC® modular compatibility components make these faceplates the practical choice. Perfect for shielded systems.

They are totally compatible with phone standards as well as CAT 3, 5, 5e, 6, 6a, and 7 systems.

The screw cap design makes better front looking, and dust caps are available to cover unused ports.

These faceplates have standard American sizing, and are suitable for use in any standard American style application.

Made of durable UV resistant ABS plastic, they are available in vertically mounted versions.

They are three (3) models: 1 Port, 2 Ports and 4 Ports.



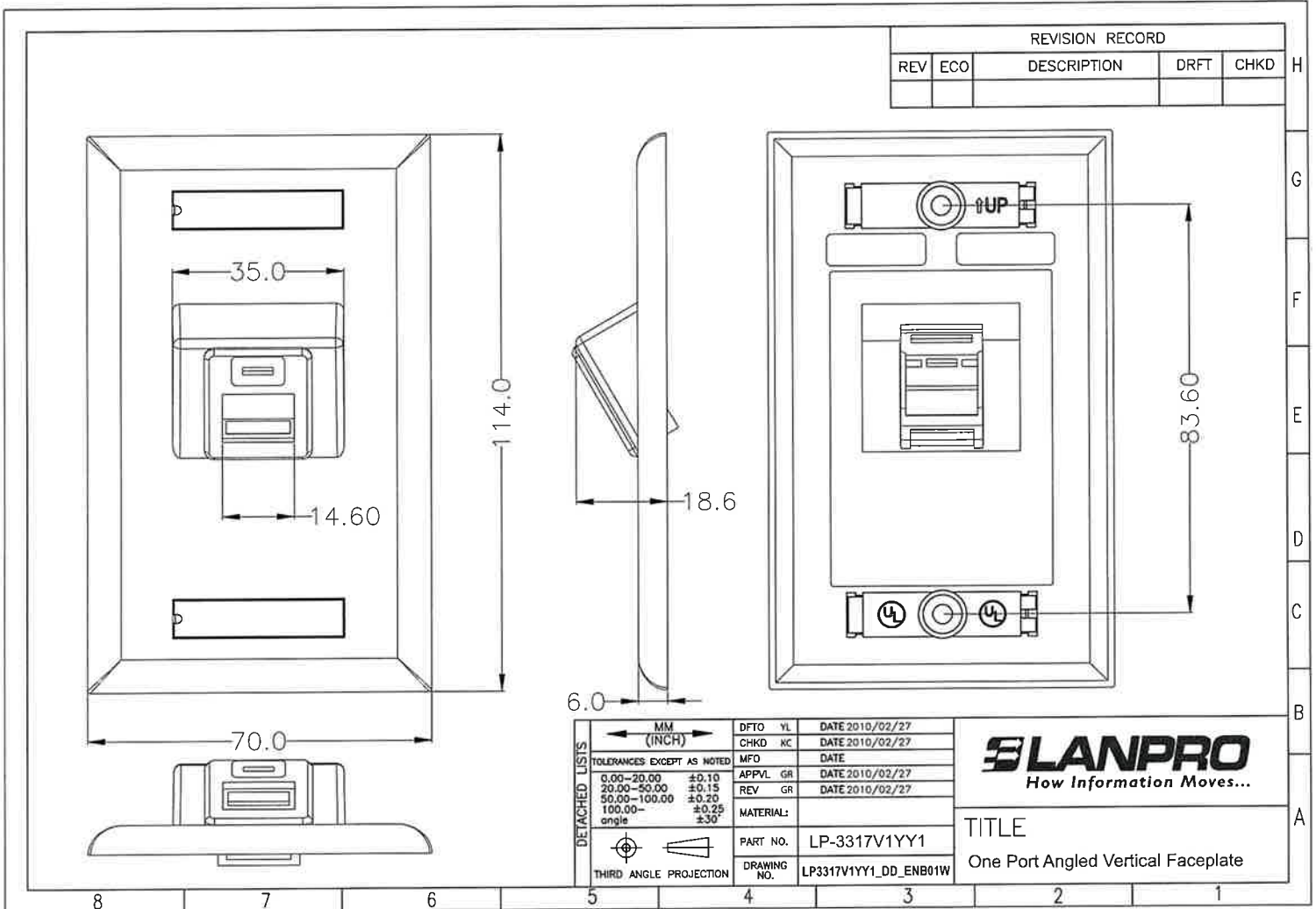
[www.lanpro.com](http://www.lanpro.com)

**A Specifications.**

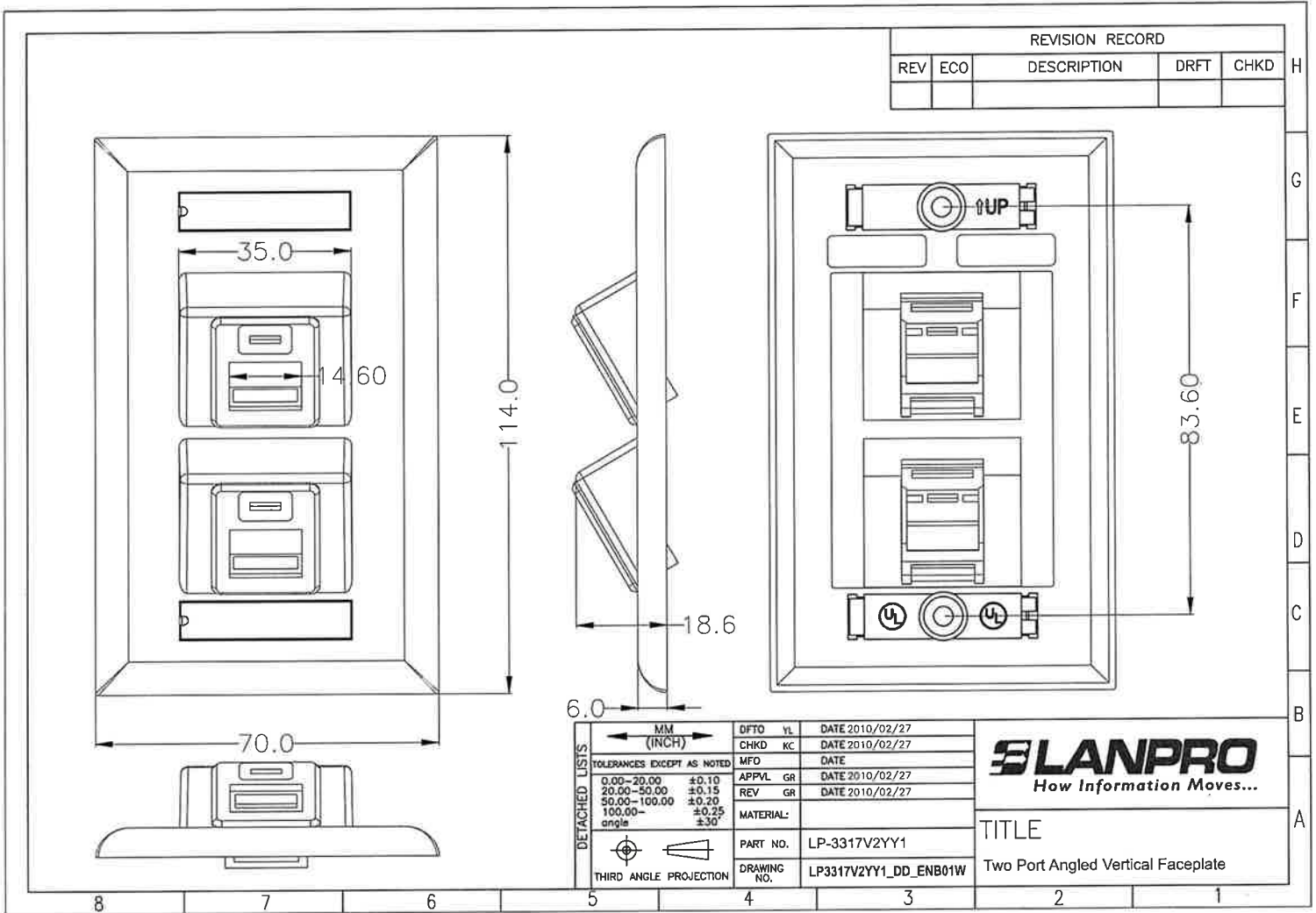
**Materials:**

- 1.-Placeplate: ABS, UL94V-0.
- 2.-Dust cap: ABS, UL94V-0.
- 3.-Screw: 6#32-L25.0\_mm.
- 4.-Id lid, clear UL94V-0.
- 5.-Color coded port type plug , UL94V-0.

**Dimensional drawings**



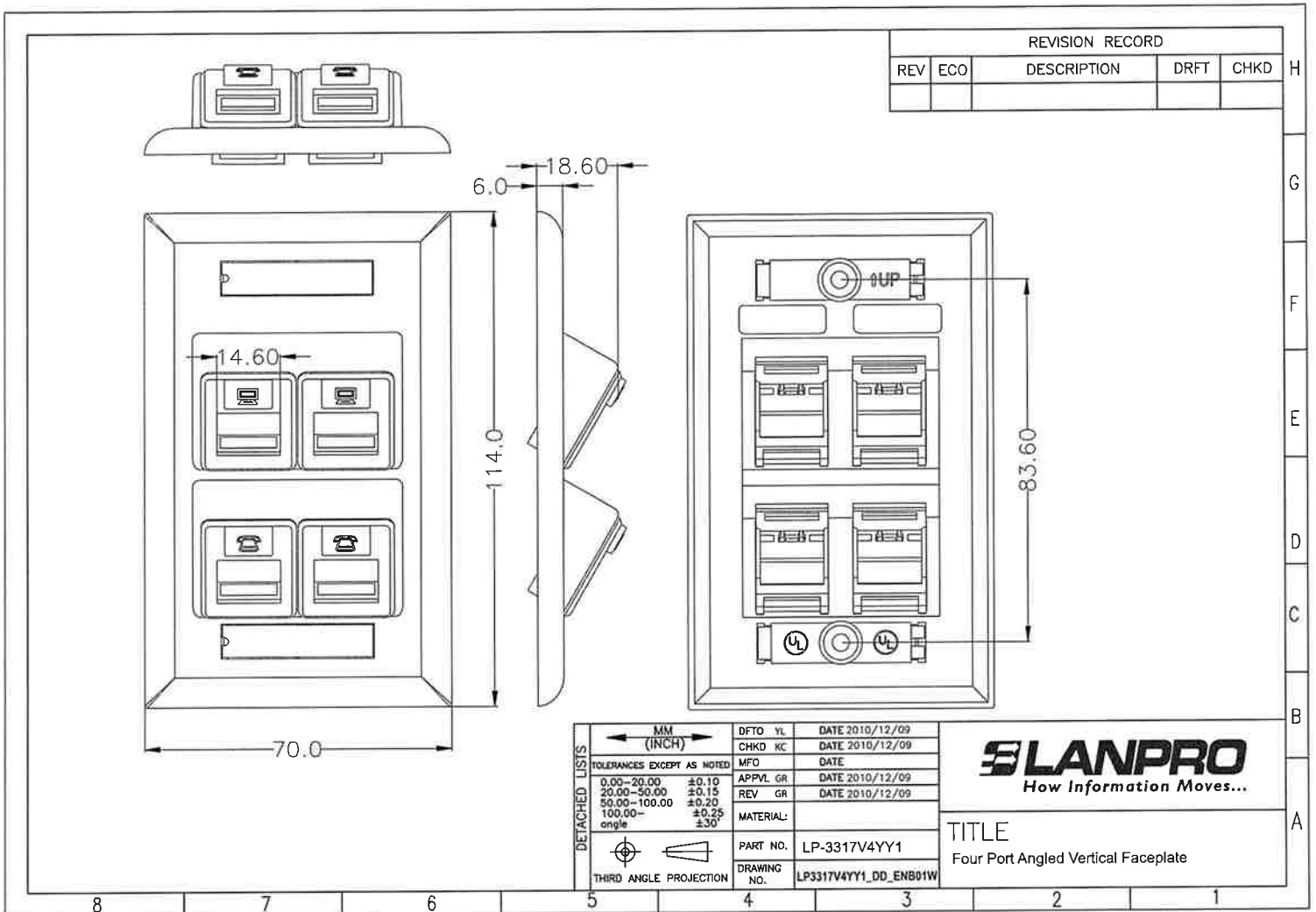
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*[Handwritten Signature]*



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**How to Order**

● **LP-3317XXYYA** LanPro Angled Faceplates.

**XX: Direction & Port**

**YY: Color**

- V1= Vertical 1 port. V6= Vertical 6 port.
- V2= Vertical 2 port. H1= Horizontal 1 port.
- V3= Vertical 3 port. H2= Horizontal 2 port.
- V4= Vertical 4 port. H3= Horizontal 3 port.

- IV: Ivory.
- WH: White.

- A= Blank, flat without window.
  - A=1, Angled.
  - A=2, flat with window.
- EG:
- LP-3317V1WH LanPro Faceplates Vertical 1 port, White Color.
  - LP-3317V1WH1 LanPro Angled Faceplate Vertical 1 port, White Color.
  - LP-3317V2WH1 LanPro Angled Faceplate Vertical 2 port, White Color.
  - LP-3317V4WH1 LanPro Angled Faceplate Vertical 4 port, White Color.





# Tak-Ty™ Hook & Loop Cable Ties

## specifications

Tak-Ty™ Hook & Loop Cable Ties and Rolls shall be made of soft premium material which shall be safe to use on high performance cabling. This material shall aid in protecting from over tensioning. The Hook & Loop Cable Ties shall provide a broad section of durable designs and sizes. This hook and loop product shall be available in the following colours: black, red, yellow, blue, white, erika violet, lime green and aqua. Hook and loop shall be adjustable and reusable and shall be cycled 100+ times. The Panduit™ Hook & Loop shall hold its strength even at higher temperatures. It shall be a cost-effective method for properly bundling cable and can enhance traceability. Hook and loop shall come in a variety of packages as showcased below:



## technical information

**Material:** Hooks: Nylon  
Loops: Nylon

**Minimum loop tensile strength:** 50 lbs. 222 N

### Loop Ties

Part Number	Mounting Method
HLT2I-X*	Hook and Loop Cable Tie, Low Profile, 8"L (203mm), .5"W (12.7mm)
HLT3I-X*	Hook and Loop Cable Tie, Low Profile, 12"L (305mm), .5"W (12.7mm)
HLT2I-M0	Hook and Loop Cable Tie, Low Profile, 8"L (203mm), .5"W (12.7mm), 1000PCS
HLT3I-M0	Hook and Loop Cable Tie, Low Profile, 12"L (305mm), .5"W (12.7mm), 1000PCS

\*-X0 Black, -X2 Red, -X4 Yellow, -X6 Blue, -X7 Erika Violet, -X10 White, -X15 Lime Green, -X16 Aqua

### Stacked Strip Ties

Part Number	Mounting Method
HLB2S-C0	Hook & Loop Stacked Strip Ties, 7.0L (178mm), .75W (19.1mm), 100 PCS, Black

### Continuous Roll 15' and 75'

Part Number	Description	Colour
HLM-15R*	Hook and Loop Roll, 15'L (4.6m), .33"W (8.4mm)	Various
HLS-15R*	Hook and Loop Roll, 15'L (4.6m), .75"W (19.1mm)	Various
HLS-75R*	Hook and Loop Roll, 75'L (22.9m), .75"W (19.1mm)	Various

\*-R0 Black, -R2 Red, -R4 Yellow, -R6 Blue, -R7 Erika Violet, -R10 White, -R15 Lime Green, -R16 Aqua

## key features and benefits

**Premium hook and loop** Can be resealed over 100 times and can maintain strength at high temperatures.

**Available in a variety of colours and styles** Colour options aid in providing traceability and protection when bundling cables.

### WORLDWIDE SUBSIDIARIES AND SALES OFFICES

PANDUIT US/CANADA  
Phone: 800.777.3300

PANDUIT EUROPE LTD.  
London, UK  
Phone: 44.20.8601.7200

PANDUIT SINGAPORE PTE. LTD.  
Republic of Singapore  
Phone: 65.6305.7575

PANDUIT JAPAN  
Tokyo, Japan  
Phone: 81.3.6863.6000

PANDUIT LATIN AMERICA  
Guadalajara, Mexico  
Phone: 52.33.3777.6600

PANDUIT AUSTRALIA PTY. LTD.  
Victoria, Australia  
Phone: 61.3.9794.9020

