

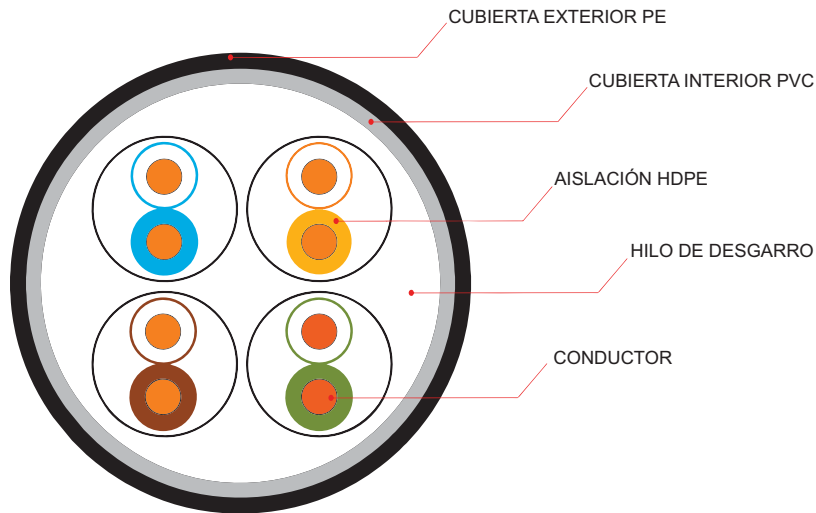
CARACTERISTICAS GENERALES

MARCA	POWERLAN
MODELO	LAN-FAST-UTP-CAT5-2
TIPO	CABLE FAST UTP CAT5E EXTERIOR DOBLE CUBIERTA 305 METROS
CATEGORIA	CAT5E
ENTORNO DE INSTALACION	Exterior - Interior
ESTANDARES DE TRANSMISION	IEEE 802.3:1000BASE-T,100BASE-TX,10BASE-T / IEEE 802.5: 4/6Mbps Token Ring / ANSI X3.263: 100 Mb/s Gigabit Ethernet
APLICACION	ANSI/TIA 568; ISO/IEC 11801; YD/T1019-2013
DESCRIPCION	Cable LAN Categoría 5E utilizado en infraestructuras de telecomunicaciones y redes informáticas. Construido con cuatro pares de conductores trenzados entre sí. Cada par de conductores está trenzado para minimizar la interferencia electromagnética de fuentes externas y para reducir la diafonía entre los pares adyacentes. Diseñado especialmente para instalaciones a la intemperie.

INFORMACION TECNICA

MATERIAL DE CUBIERTA EXTERIOR	PE
ESPESOR DE CUBIERTA EXTERIOR	0.55 +/- 0.1 mm
DIAMETRO DE CUBIERTA EXTERIOR	5.8 +/- 0.3 mm
COLOR DE CUBIERTA EXTERIOR	Negro
MATERIAL DE CUBIERTA INTERIOR	PVC
ESPESOR DE CUBIERTA INTERIOR	0.55 +/- 0.1 mm
DIAMETRO DE CUBIERTA INTERIOR	4.8 +/- 0.3 mm
COLOR DE CUBIERTA INTERIOR	Gris
MATERIAL DE AISLACION	HDPE
TIPO DE CONDUCTOR	CCA
CALIBRE CONDUCTOR	24 AWG
DIAMETRO DEL CONDUCTOR	1/0.48 +/- 0.03 mm
CANTIDAD DE CONDUCTORES	8
CANTIDAD DE PARES	4
RESISTENCIA ELECTRICA MAXIMA CC	10 Ω / 100 m
VELOCIDAD NOMINAL DE PROPAGACION (NVP)	69%
ATT	1MHZ (2.0 dB) - 100MHZ (22 dB)
RL	1MHZ (20 dB) - 100MHZ (20.1 dB)
NEXT	1MHZ (65 dB) - 100MHZ (35.3 dB)

CARACTERISTICAS DE CONSTRUCCION

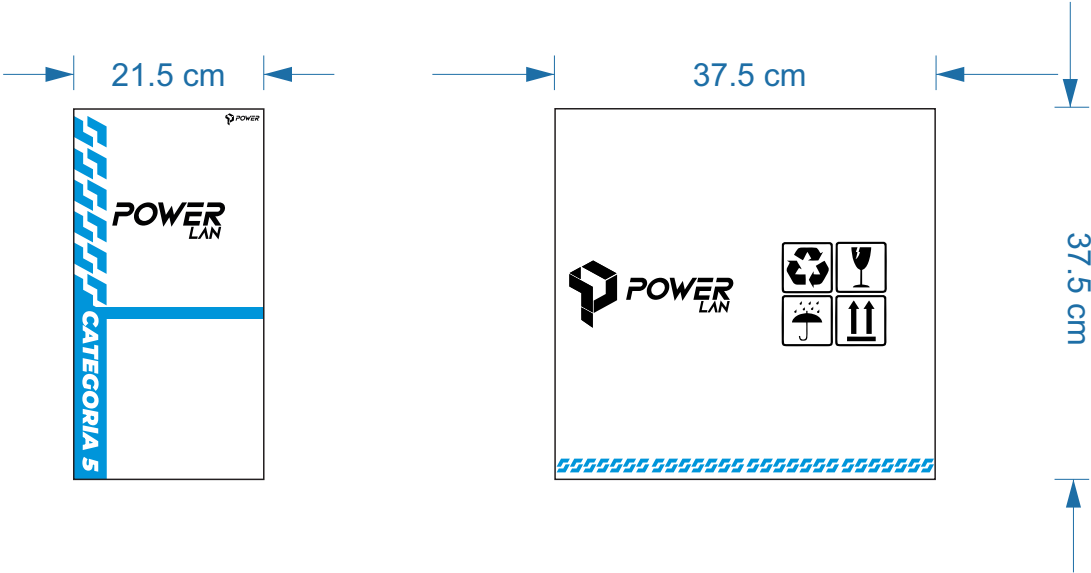




LAN-FAST-UTP-CAT5-2

CABLE FAST UTP CAT5E EXTERIOR / INTERIOR
DOBLE CUBIERTA 305 METROS

PRESENTACION

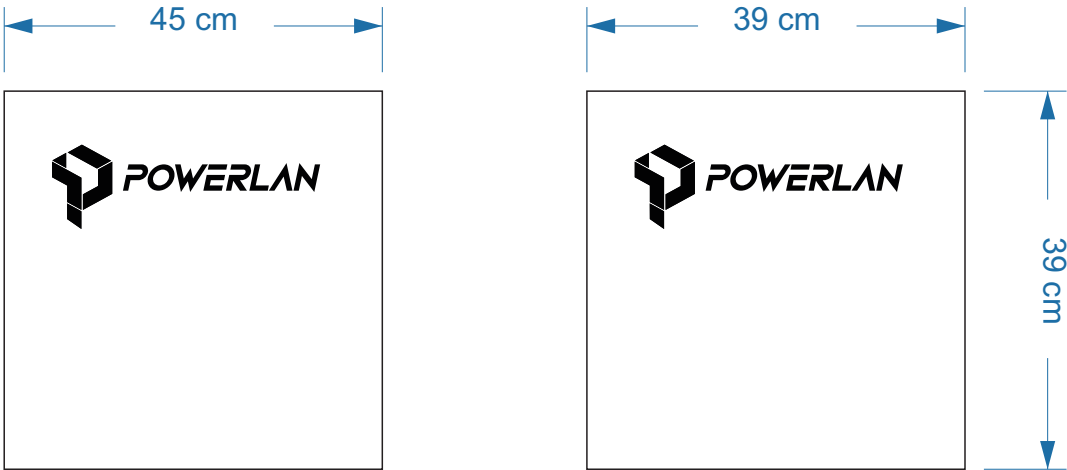


PESO NETO

8.5 kg

METRAJE

305 mts

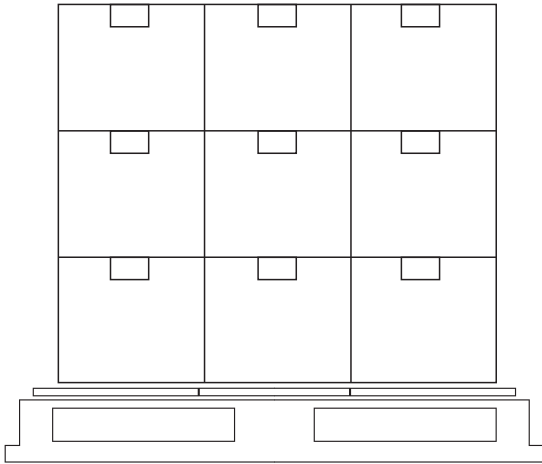


UNIDADES POR CAJA

2

PESO BRUTO TOTAL

19 kg



PESO BRUTO POR CAJA

CANTIDAD DE CAJAS POR PALET





Cable ID: LAN-UTP-CAT5-2

Test Limit: TIA Cat 5e Channel

Limits Version: 1.9500

Date / Time: 04/10/2024 10:06:32 AM

Operator: RON

Headroom 3.0 dB (NEXT 4,5-7,8)

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Main: DTX CableAnalyzer

S/N: 2293739

Software Version: 2.7800

Calibration Date: 07/05/2018

Adapter: DTX-CHA002

S/N: MC9E9BH

Test Summary: PASS

Remote: DTX CableAnalyzer

S/N: 2293740

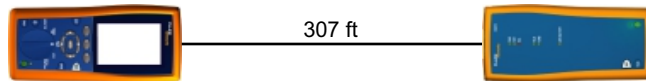
Software Version: 2.7800

Calibration Date: 07/05/2018

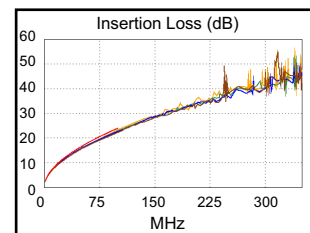
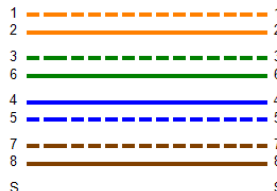
Adapter: DTX-CHA002

S/N: MC9E9LH

Length (ft), Limit 328	[Pair 7,8]	307
Prop. Delay (ns), Limit 555	[Pair 3,6]	460
Delay Skew (ns), Limit 50	[Pair 3,6]	8
Resistance (ohms)	[Pair 7,8]	28.8
Insertion Loss Margin (dB)	[Pair 1,2]	0.9
Frequency (MHz)	[Pair 1,2]	100.0
Limit (dB)	[Pair 1,2]	24.0

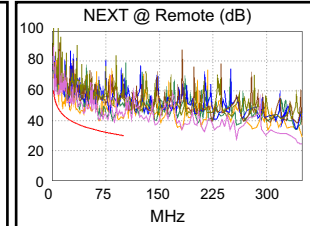
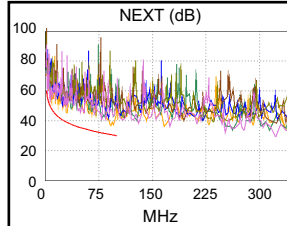


Wire Map (T568B)
PASS

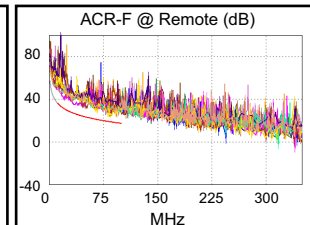
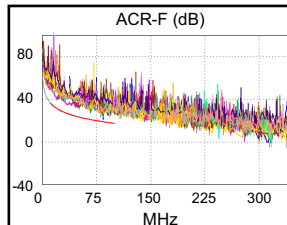


Worst Case Margin Worst Case Value

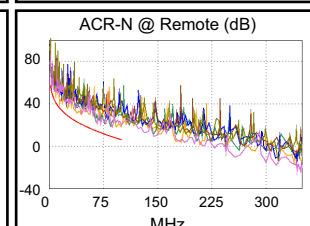
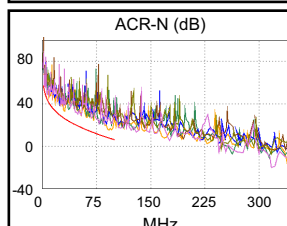
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	4,5-7,8	1,2-3,6	4,5-7,8
NEXT (dB)	3.5	3.0	5.9	7.6
Freq. (MHz)	6.9	3.1	91.5	86.0
Limit (dB)	49.7	55.3	30.7	31.2
Worst Pair	4,5	4,5	1,2	4,5
PS NEXT (dB)	6.0	5.5	8.6	8.6
Freq. (MHz)	6.9	3.1	95.3	85.8
Limit (dB)	46.7	52.3	27.4	28.2



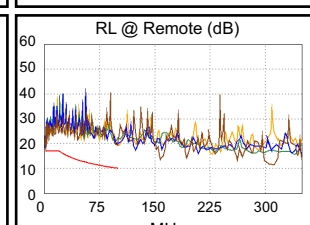
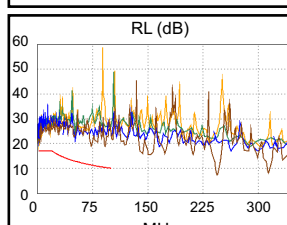
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	7,8-1,2	1,2-7,8	7,8-1,2
ACR-F (dB)	6.0	5.4	6.0	5.5
Freq. (MHz)	81.3	81.3	84.0	84.3
Limit (dB)	19.2	19.2	18.9	18.9
Worst Pair	1,2	1,2	4,5	1,2
PS ACR-F (dB)	7.5	7.3	7.5	7.3
Freq. (MHz)	80.8	86.5	85.8	86.5
Limit (dB)	16.3	15.7	15.7	15.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	4,5-7,8	1,2-3,6	1,2-3,6
ACR-N (dB)	3.8	3.1	7.7	11.8
Freq. (MHz)	3.3	3.1	95.3	100.0
Limit (dB)	51.0	51.4	7.1	6.1
Worst Pair	4,5	4,5	1,2	4,5
PS ACR-N (dB)	6.2	5.6	9.8	9.7
Freq. (MHz)	3.1	3.1	95.3	85.8
Limit (dB)	48.4	48.4	4.1	6.2



PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	1,2
RL (dB)	3.7	3.9	7.4	8.7
Freq. (MHz)	2.6	2.6	73.3	99.5
Limit (dB)	17.0	17.0	11.4	10.0



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T ATM-25
 ATM-51 ATM-155 100VG-AnyLan
 TR-4 TR-16 Active TR-16 Passive

LinkWare™ PC Version 11.2

Project: DEFAULT
 Site: A
 Floor: Not Set
 Rack: Not Set

Building: Not Set
 Room: Not Set
 Patch: Not Set

FLUKE
networks