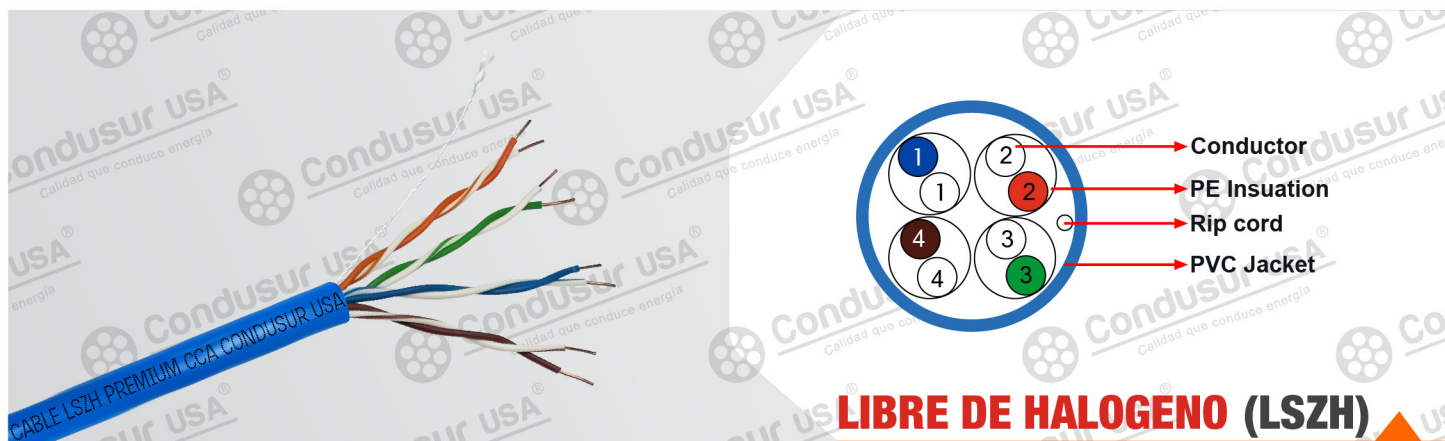


**LIBRE DE HALOGENO (LSZH)****FICHA TÉCNICA****DESCRIPTION**

CAT5E 4Pair UTP 24AWG CABLE
PVC 1000ft

FEATURES

- High-Performance Data Cable
- CAT5E Unshielded Twisted Pairs
- Easily Identified Color - Striped Pairs
- 24AWG 50% Copper Conductors
- ISO14001, ISO9001, CE, ROHS, SGS

APPLICATION

IEEE 802.3: 1000Base-T; 100Base-T; 10Base-T
IEEE802.5: 4/6 Mbps Token Ring
Structure cabling, 155Mbps ATM, ISDN
Gigabit Ethernet

MODEL

No	Length	Color
110200	1000ft(305m)	Gray
110201	1000ft(305m)	White
110202	1000ft(305m)	Red
110203	1000ft(305m)	Orange
120204	1000ft(305m)	Yellow
110205	1000ft(305m)	Green
110206	1000ft(305m)	Blue

SPECIFICATION**Technical Data** ▾

DC Resistance	Max 9.38 Ω / 100m
Rated Voltage	30V
Reference Standard	EIA/TIA 568 & ISO/IEC 11801
Cumple con	IEC 60332-1, IEC 60754-1 y -2, IEC 61034-2, IEC 60332-3-22

Conductor ▾

Material	Copper (50% Copper)
AWG	24AWG
Conductor Diameter	$4 \times 2 \times 1/0.51 \pm 0.01\text{mm}$

Solid Conductor ▾**Insulation** ▾

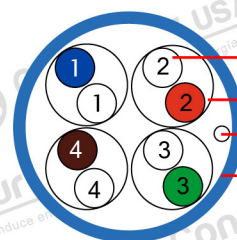
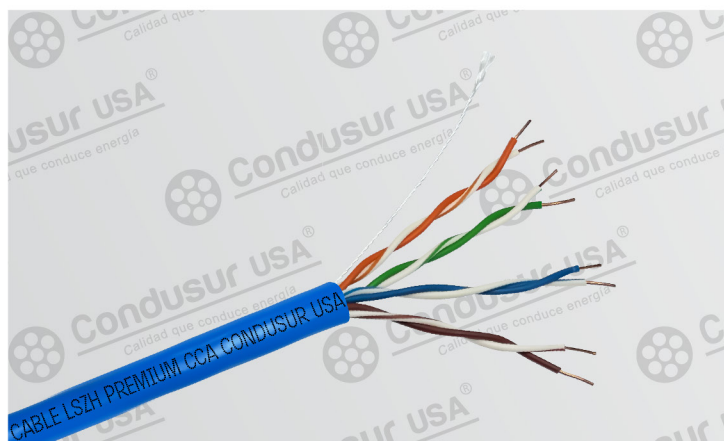
Material	PE
AVG. Thickness	$0.21 \pm 0.01\text{mm}$
Insulation Diameter	$0.90 \pm 0.01\text{mm}$

HDPE ▾**High twisted & Ripcord** Yes**Jacket** PVC(Fire Retardant)

AVG. Thickness	0.60mm
Outer Diameter	$5.50 \pm 0.02\text{mm}$
Color	Available
Marking	Available

Color of Pairs ▾

Pair 1	Blue	White-Blue
Pair 2	Orange	White-Orange
Pair 3	Green	White-Green
Pair 4	Brown	White-Brown



Conductor
PE Insulation
Rip cord
PVC Jacket

LIBRE DE HALOGENO (LSZH)

FICHA TÉCNICA

PACKING

Inner box: Pull out box
Outer box: Brown Carton

PERFORMANCE

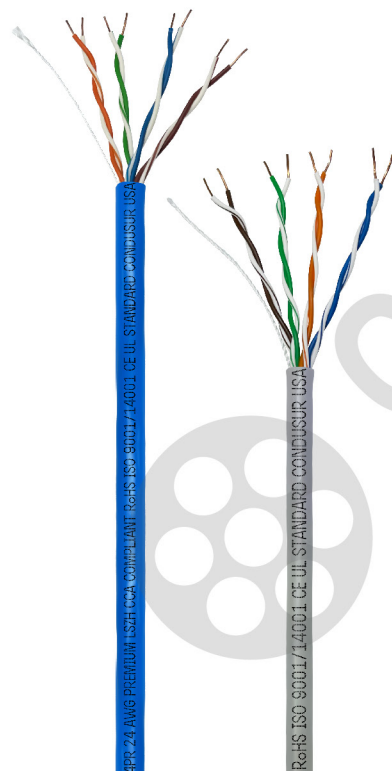
Mechanical Properties

Bending Radius $\geq 4 \times OD$ (without load)
Temperature range During Operation: $-40^{\circ}\text{C} \sim 75^{\circ}\text{C}$
Reference Standard During Installation: $0^{\circ}\text{C} \sim 60^{\circ}\text{C}$

Electrical Properties

DC resistance Max $9.38 \Omega / 100\text{m}$ at 20°C
Insulation Resistance $5000\text{m} \Omega / \text{km}$
Resistance Unbalance Max 5% at 20°C
Mutual Capacitance Max $5.6 \text{ nf} / 100\text{m}$ at 1kHz

Cap. Unbalance to Ground Max $330 \text{ pf} / 100\text{m}$ at 1kHz
Characteristics Impedance 67%
Nominal Velocity of Propagation $\leq 535 \text{ ns} / 100\text{m}$
Propagation Delay $\leq 45 \text{ ns} / 100\text{m}$
Maximum bandwidth 350 Mhz



CERTIFICACIONES

