

**LP-CE0M0BK** LanPro Reliable® Network Cable, all Weather Outdoor CAT 5e type U/UTP, solid, 100% copper, AWG 24, with UV resistant CMX black color jacket, in 305m (1000 ft) wood spool.

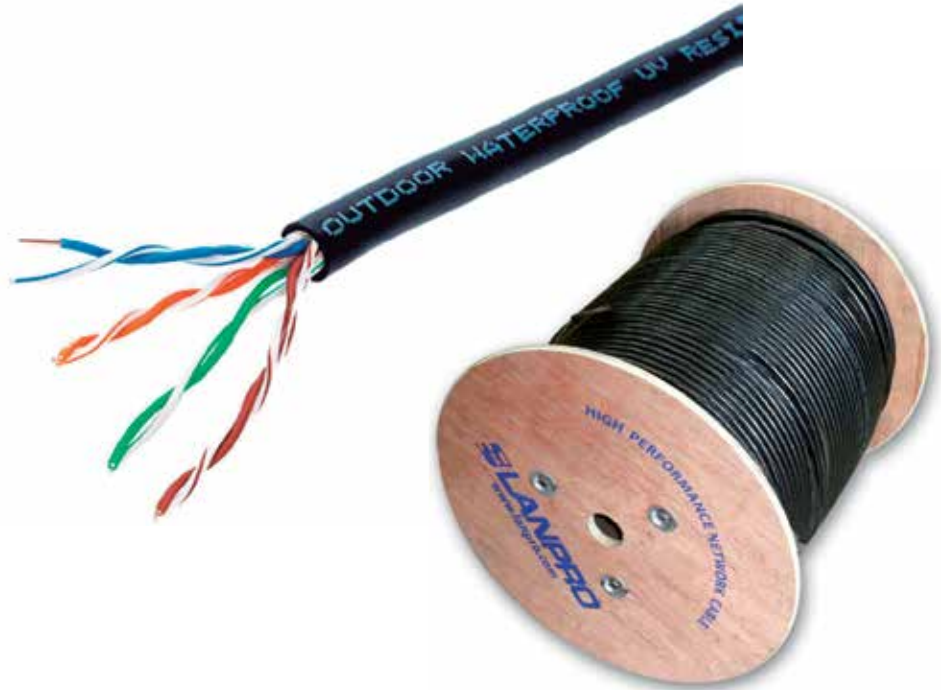
LPCE0M0BK\_SS\_ENB01W

### Features

- Superior performance to traditional designs.
- 568-A and 568-B compatible.
- Exceeds ANSI/TIA-568-C.2, ISO/IEC 11801.
- Rugged Construction.
- Ripcord included.
- Excellent price/performance ratio.
- Four (4) pairs AWG24.
- Packaged in one convenient presentation: 1000 feet (305m) wood spool.

### Applications

- 10/100/1000Base-T.
- 100Base-VG.
- 155 Mbps and 622-Mbps ATM .
- Other high-performance applications: Aerial Applications, Outdoor Applications, Antennas.



**LP-CE0M0BK**  
**LanPro Reliable® Network Cable,**  
**all Weather Outdoor CAT 5e type U/UTP, solid,**  
**100% copper, AWG 24, with UV resistant CMX black**  
**color jacket, in 305m (1000 ft) wood spool.**

**LP-CE0M0BK** LanPro Reliable® Network Cable, all Weather Outdoor CAT 5e type U/UTP, solid, 100% copper, AWG 24, with UV resistant CMX black color jacket, in 1000 ft wood spool, is the answer given by LanPro to the large demand imposed by today's high performance applications at reasonable prices.

Tested to well over 100 MHz, the guaranteed performance of this cable meets the ANSI/TIA-568-C.2, ISO/IEC 11801, making it ideal for transmission links supporting today's networking protocols.

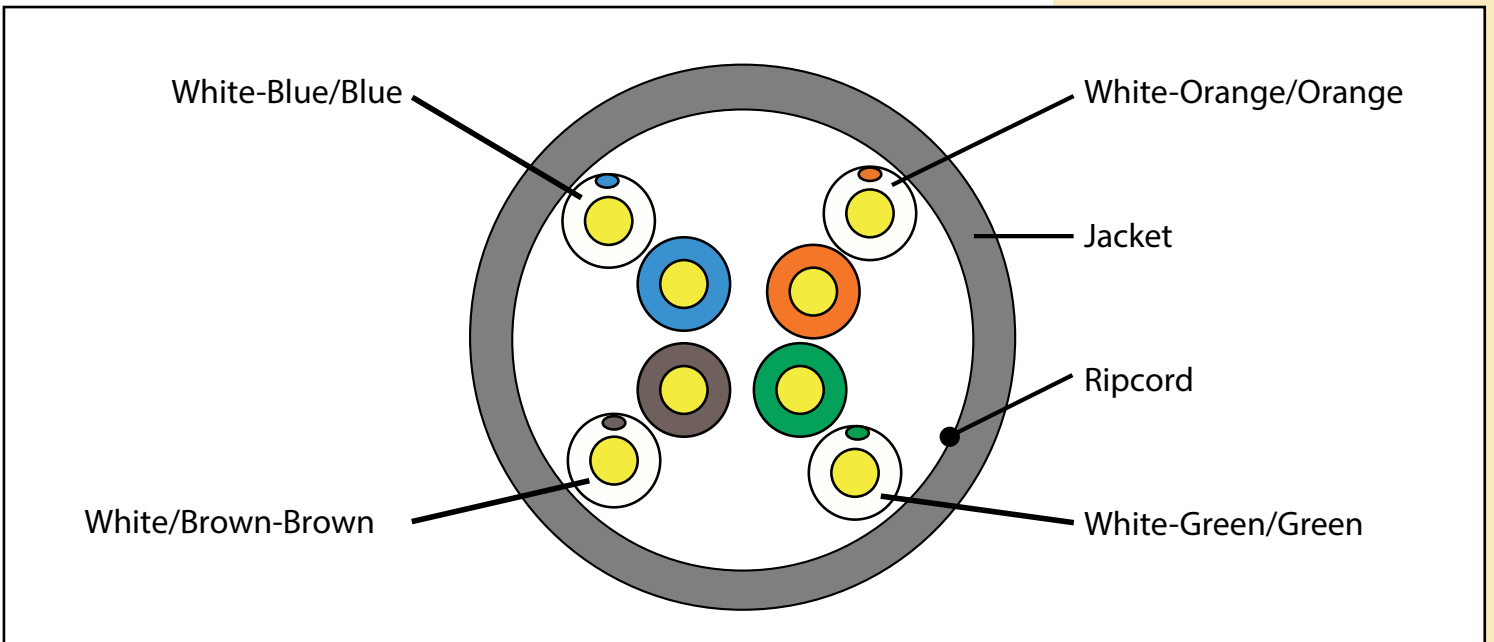
**A Technical Specifications**

<b>Standards</b>	ISO/IEC11801, TIA/EIA 568.C-2	
<b>Physical Characteristics</b>	Conductor Size:	AWG 24
	Conductor Material:	Solid Bare Copper
	Insulation Material:	High Density Polyethylene (HDPE)
	Insulation Diameter:	0.87 ± 0.03mm
	Number of Conductors:	8 Conductors
	Number of Pairs:	4 Pairs
	Outer Jacket Material:	CMX
	Outer Jacket Diameter:	5.0mm ± 0.4mm
	Outer Jacket Rip Cord:	Yes
<b>Color code</b>	1.- White/Blue - Blue	3.- White/Green - Green
	2.- White/Orange - Orange	4.- White/Brown - Brown
<b>Mechanical Characteristic</b>	Storage Temperature Range:	-30~+60
	Installation Temperature Range:	-30~+60
	Operating Temperature Range:	-30~+60
	Before Tensile Strength:	≥13.5
	Aging Elongation:	≥150
	Aging Condition:	100°C x 24hrs x 7Days
	After Tensile Strength:	≥12.5
	Aging Elongation:	≥125
<b>Electrical Characteristics</b>	Cold Bend:	No Visible Cracks (-20°C ± 2°C x 4h)
	Maximum Delay:	537.60 @ 100MHz (ns/100m)
	Maximum Delay Skew:	≤ 45 (ns/100m)
	Maximum Conductor DC Resistance:	9.5 (@ 20°C OHm/100m)
	Maximum Operating Voltage - UL:	300V RMS
	Maximum DCR Unbalanced:	5% (@ 20°C)

**B Technical Performance (100m)**

Frec.(MHz)	ATT ≤ dB	NEXT ≥ dB	DELAY ≤ ns	PSNEXT ≥ dB	ELFEXT ≥ dB	PSELFEXT ≥ dB	Perdida de retorno dB
1	2.0	65.3	570.0	62.3	63.8	60.8	20.0
4	4.1	56.3	552.0	53.3	51.8	48.8	23.0
8	5.8	51.8	546.73	48.8	45.7	42.7	24.5
10	6.5	50.3	545.38	47.3	43.8	40.8	25.0
16	8.2	47.2	543.0	44.4	39.7	36.7	25.0
20	9.3	45.8	542.05	42.8	37.8	34.8	25.0
25	10.4	44.3	541.20	41.3	35.8	32.8	24.3
31.25	11.7	42.9	540.44	39.9	33.9	30.9	23.6
62.5	17.0	38.4	538.55	35.4	27.9	24.9	21.5
100	22.0	35.3	537.60	32.3	23.8	20.8	20.1

**C Structure**



**D How to order**

**LP-CE0M0BK** LanPro Reliable® Network Cable, all Weather Outdoor CAT 5e type U/UTP, solid, 100% copper, AWG 24, with UV resistant CMX black color jacket, in 305m (1000 ft) wood spool.

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