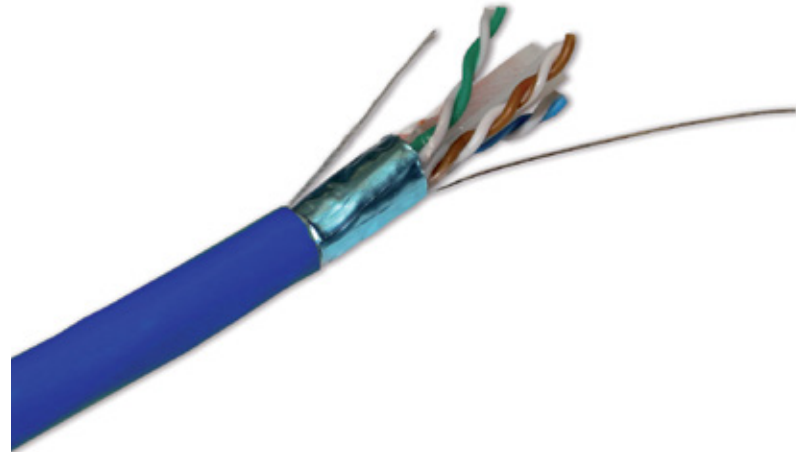


LP-C63J0BLC LanPro Reliable® CAT 6 type F/UTP Shielded Network Cable, LSZH-rated with Solid Copper Conductors and Flexible-X™ separator for symmetry and Blue jacket in 1000 ft (305m) wood spool.

LPC63J0BLC_SS_ENB01W

Applications

- Very Flexible.
- Superior performance to traditional designs.
- 568-A and 568-B compatible.
- Exceeds ANSI/TIA-568-C.2, ISO/IEC 11801, IEC 60332-1C requirements.
- Shielded F/UTP.
- Rip Cord included
- Drain Wire included
- Backward compatible with CAT 5e and CAT 5 systems.
- Excellent price/performance ratio.
- Blue color jacket.
- Four (4) 23 AWG Twisted Pairs.
- Flame rating: LSZH thermoplastic cover Jacket with a thickness of 0.60mm.
- Reliable™ CAT 6 is a robust product.
- Packaged in one convenient presentation: 1000 feet (305m) wood spool.
- Weight: 32lb (14.5Kg).
- The Geometry is better with Flexible-X™ technology.
- Operating voltage: <48 Vrms.
- DELTA No. 2017-370.



LP-C63J0BLC
LanPro Reliable® CAT 6 type F/UTP Shielded Network Cable, LSZH-rated with Solid Copper Conductors and Flexible-X™ separator for symmetry and Blue jacket in 1000 ft (305m) wood spool.

Blue colored jacket shielded LanPro Reliable® CAT 6 F/UTP Network LSZH-rated general purpose Cable is the answer given by LanPro to the 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, IEC 60332-1C requirements, DELTA No. 2017-370 making it ideal for transmission links supporting today's networking protocols.

A Applications:

Shielded LanPro Reliable® CAT 6 **LP-C63J0BLC** F/UTP Network LSZH-rated is intended for high speed data applications, including 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 and 100BASE-TX and 4/16 Mb/s Token Ring.

IMPORTANT NOTE:

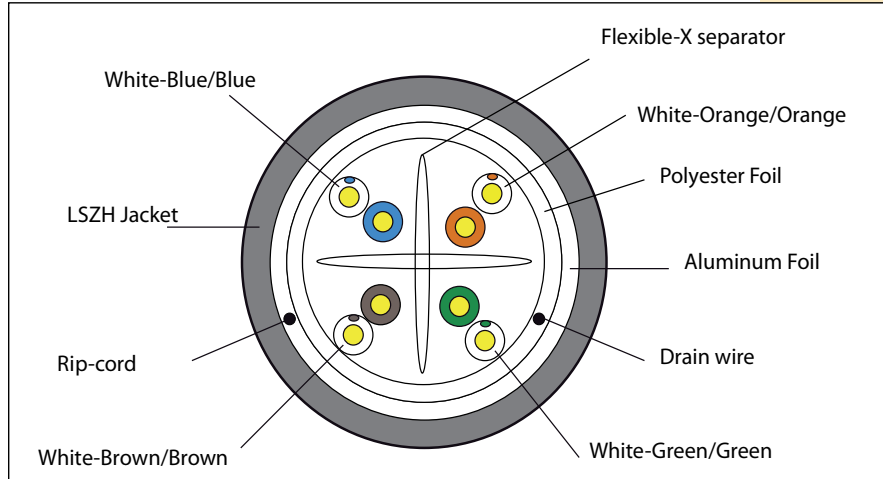
Shielded LanPro Reliable® **LP-C63J0BLC** CAT 6 F/UTP Network LSZH-rated belongs to a class of General Purpose cables, and may be used anywhere in Residential areas or inside conduits in commercial areas. The cables are flame tested and held to a lower standard than CM, Riser or Plenum cables.

When taking fire, LSZH cables generate fumes that doesn't contain halides resulting in a cable safer to use in public places, fire propagation speed is similar to CMX.

B Technical Specifications:

Standards	ISO/IEC11801, TIA/EIA 568.2, EN 50173, DELTA Approval No. 2017-370, IEC 60332-1C			
1.-Conductor	Material	Copper 100%		
	AWG #	23		
	Nominal Diameter (mm)	0.570	Positive tolerance	+0.005
			Negative tolerance	-0.005
2.-Isolation layer	Material	HDPE (High Density Polyethylene)		
	Diameter (mm)	1.09±0.02		
	Elongation	Min. 300%		
	Color	A-Blue, White-Blue	B-Orange, White-Orange	
C-Green, White-Green		D-Brown, White-Brown		
3.-Rip Cord	Yes			
4.-Separator	Flexible -X™			
5.-Drain Wire	None			
6.-Jacket	Thickness	0.60±0.05 mm		
	External Diameter, (O.D.)	7.4±0.4 mm		
	Surface finish	Clean , Satinized		
	Material	LSZH, complies RoHS		
	Color	Blue		
7.-Markings	Type height	3.0±0.3 mm		
	Color	Black		
	Print error &Space	≤ ±0.5%, 1m		
8.-Packaging	Wood spool.			
	Product length	305 ± 1.5 m		
	Weight	32lb (14.5Kg)		
9.-Physical properties	Temperature Range	-20°C to 75°C		
10.-Mechanical Characteristics	Tensile strength before Aging(Mpa)	≥10		
	Elongation before aging (%)	≥125		
	Aging Period (°C x hours)	100°C x 24 h x 7d		
	Tensile strength after Aging(Mpa)	≥8.0		
	Elongation after aging (%)	≥100		
	Cold Bend (-20±2°Cx4h)	No visible cracks		
	Bending Radius	8xexternal Dia. during install,		
4xexternal Dia afterwards				
11.-Electrical properties @ 20°C	Isolation resistance @500 V	Min 5000 MOhm/Km		
	Zo (1.0 – 250.0 MHz)	100 ±15 Ω		
	Delay skew @20°C (1.0 – 250.0 MHz)	≤45(ns/100m)		
	Propagation Velocity (% C)	69%		
	Mutual capacitance	5.6 nF max/100 m		
	Capacitance imbalance	330 nF max/100 m		
	Maximum DC Resistance @ (20 °C)	9.38 Ω/100 m		
	Delay [ns/100m] @250 MHz	536 ns		
	% Resistance unbalance between conductors(Max)	5 %		
	Maximum Operating RMS AC Voltage	≤48		
	Peak Operating Voltage (DC)	≤68 V		
	(DC) Test Voltage (1minute)	1.0 KV/ 1 minute		

C Structure:



D Certification Characteristics:

Freq. (MHz)	RL >dB	ATT ≤dB	NEXT ≥dB	DELAY ≤ns	PSNEXT >dB	ELFEXT >dB	PSELFEXT ≥dB
1	20.0	1.9	74.0	570.00	72.3	68.0	65.0
4	23.0	3.7	65.0	552.00	63.3	56.0	53.0
8	24.5	5.3	60.7	546.73	58.8	49.9	46.9
10	25.0	5.9	59.0	545.38	57.3	48.0	45.0
16	25.0	7.5	56.0	543.00	54.2	43.9	40.9
20	25.0	8.4	55.0	542.05	52.8	42.0	39.0
25	24.3	9.5	53.3	541.20	41.3	40.0	37.0
31.25	23.6	10.6	52.0	540.44	49.9	38.1	5.1
62.5	21.5	15.4	47.0	538.55	45.4	32.1	29.1
100	20.1	19.8	44.0	537.60	42.3	28.0	25.0
200	18.0	29.0	40.0	536.54	37.8	22.0	19.0
250	17.3	32.8	38.0	536.27	36.3	20.0	17.0

E How to Order:

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