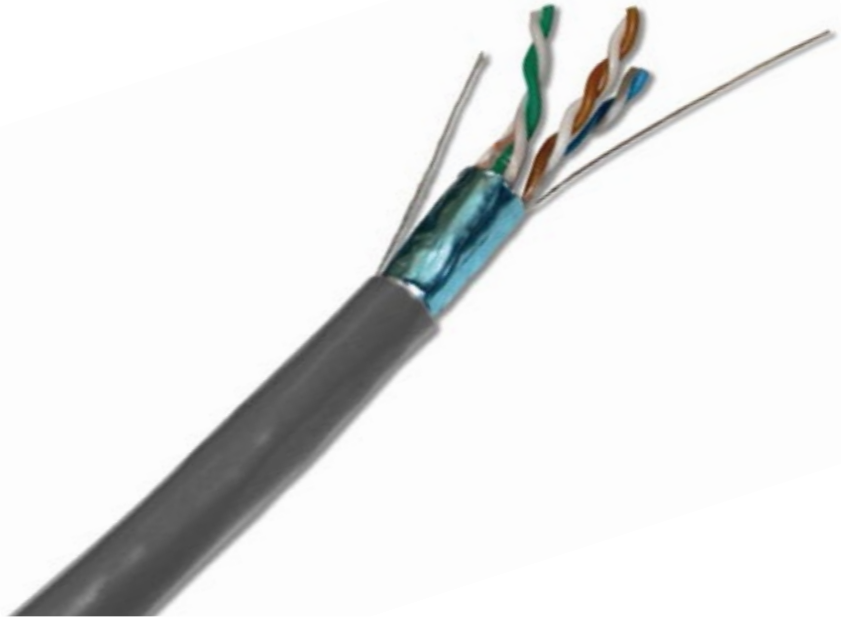


LP-CE310GRC LanPro Reliable® CAT 5e F/UTP Network Cable, solid AWG 24 100% copper, Aluminum Foil shield with drain wire, with gray CM-rated Jacket and ripcord in a 1000 ft (305m) wood spool.

LPCE310GRC_SS_ENB01W

Features

- CM rated for Commercial applications.
- Specified and tested to well over 100 MHz.
- Lower bit error rate increases network efficiency and uptime.
- Very flexible, reduces installation costs and maintenance.
- Superior performance to traditional designs.
- 568-A and 568-B compatible.
- Reliable® CAT 5e is a robust product.
- Exceeds ANSI/TIA-568-C.2, ISO/IEC 11801, UL 1685 (UL1581, Sec. 1160), CSA FT1
- RoHS
- Backward compatible with CAT 5 and CAT 3 systems.
- Excellent price/performance ratio.
- 4 pairs 24 AWG F/UTP cable.
- Packaged in one convenient presentation: 1000 ft (305 ± 1.5m) wood spool.
- UL E329019.



**LP-CE310GRC
LanPro Reliable® CAT 5e F/UTP Network Cable,
solid AWG 24 100% copper, Aluminum Foil shield
with drain wire, with gray CM-rated Jacket and ripcord
in a 1000 ft (305m) wood spool.**

Shielded Reliable® CAT 5e F/UTP Network CM-rated cable is the answer given by LanPro to the 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, UL 1685(UL 1581, Se. 1160) and CSA FT1 requirements, making it ideal for transmission links supporting today's networking protocols.

UL E329019 for CM Commercial applications, the Shielded LanPro Reliable® CAT 5e F/UTP Network Cable is available for immediate delivery in gray color. Other colors available under request.

A Applications:

Category 5e F/UTP cable is intended for high speed data applications, including 100BASE-TX and 4/16 Mb/s Token Ring, to be used in riser installations which rise between floors. Riser cables may also penetrate other fire rated walls or floors.

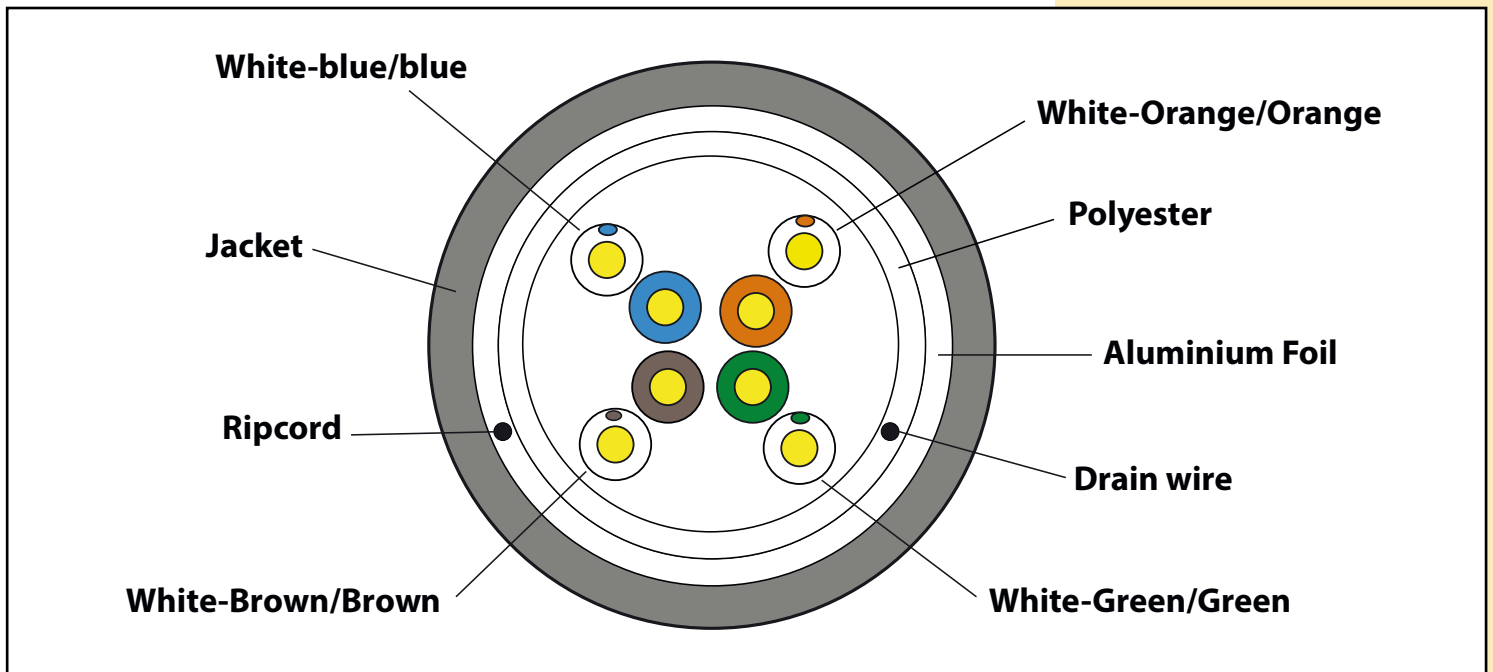
B Technical Specifications:

Conductor	Material		100% Copper	
	AWG #		24	
	Nominal Diameter (mm)	0.50	Positive tolerance	+0.005
			Negative tolerance	-0.005
Insulation	Material		HDPE	
	Diameter (mm)		0.95±0.03	
Screening Material	Aluminum Foil			
Jacket	Thickness		0.55±0.05 mm	
	External Diameter, (O.D.)		5.8±0.4 mm	
	Surface finish		Clean, Frap, Satination	
	Material		CM, complies with RoHS	
	Color		Gray	
Markings	Letter height		3.0±0.3 mm	
	Color		Black	
	Print error &Space		≤ ±0.5%, 1m	
Color	1. White - Blue/Blue		2. White - Orange/Orange	
	3. White - Green/Green		4. White - Brown/Brown	
Packing	Wood spool & Carton			
Carton dimension	41x41x21cm			
Packing length	305±1.5m			
Ripcord	Yes		Drain wire	Yes
Jacket Physical properties	Before Aging Tensile Strength (Mpa)		≥13.5	
	Elongation (%)		≥150	
	Aging Period (°C×hrs) 100°C×24h×7d			
	After Aging Tensile Strength (Mpa)		≥12.5	
	Elongation (%)		≥125	
	Cold bend (-20±2°C×4h) 8×Cable O.D. No visible cracks			
Electrical characteristics 20°C	Impedance(Ω)	1.0-100.0MHz	100±15	
	1.0-100.0MHz Delay Skew (ns/100m) ≤45			
	Unbalanced-to-ground capacitance (pf/100m) max 330			
	DC Resistance (Ω/100m) max			9.5
	DC Conductor Resistance Unbalance (%) max			5.0

C Technical Performance (100m):

Frec.(MHz)	RL≥dB	ATT ≤dB	NEXT ≥dB	Delay ≤ns	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB
1	20.0	2.0	65.3	570.00	63.8	60.8	1
4.0	23.0	4.1	56.3	552.00	51.8	48.8	4
8.0	24.5	5.8	51.8	546.73	45.7	42.7	8
10.0	25.0	6.5	50.3	545.38	43.8	40.8	10
16.0	25.0	8.2	47.2	543.00	39.7	36.7	16
20.0	25.0	9.3	45.8	542.05	37.8	34.8	20
25.0	24.3	10.4	44.3	541.20	35.8	32.8	25
31.25	23.6	11.7	42.9	540.44	33.9	30.9	31.25
62.5	21.5	17.0	38.4	538.55	27.9	24.9	62.5
100	20.1	22.0	35.3	537.60	23.8	20.8	100

D Cable structure:



E How to Order:

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