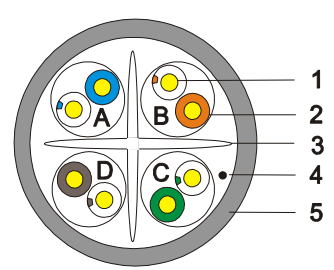


### UTP 4 pairs cable - category 6 - 250MHz – LSZH Sheath

Sheath Printing <b>IN GREEN</b>	LANCRO – UTP 4x2xAWG23 CAT.6 - <b>HFFR</b> - VERIFIED ISO IEC 11801- TIA/EIA 568 - EN 50575: 2014+A1:2016 CPR Class Eca + PN_/yy" METER MARKING"			
Category	CCA UTP/CAT6-4P-LSZH			
Test Standard	ISO/IEC11801、TIA/EIA 568C.2			
1. Conductor	Material	Bare Copper clad Aluminium		
	Nom. O.D. (mm)	0.57	Up Down	+0.02 -0.02
2. Insulation	Material	HDPE		
	Diameter	1.03±0.02mm		
Color	A.Blue, White-Blue	B.Orange,White-Orange		
	C.Green,White-Green	D.Brown, White-Brown		
3.Plastic Separator	O.D 4.5mm, Nom thickness : 0.45mm, complies RoHS			
4. Rip-cord	Yes	Drain wire	No	
5. Sheath	Thickness	0.55±0.05 mm		
	External O.D.	6.3±0.3 mm		
	Surface	Clean,Frap,Satiation		
	Material	<b>LSZH</b>		
	Color	Grey RAL7035		
Surface Printing	Letter height	3.0±0.3mm		
	Color	<b>GREEN</b>		
	Print error & Space	≤±0.5%, 1m		
Packing	Carton, pallet			
Carton dimension	305m box:41*41*21cm D500: 37(flg dia)x27(flg distance)x16(carton tube dia) cm			
Packing length	305±1.5m			
Sheath 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)	No visible cracks		
Electrical Characteristics (20°C)	1.0-100.0MHz, Characteristic impedance (Ω) 100±15			
	1.0-100.0MHz, Delay Shew 20°C(ns/100m) ≤45			



95m FLUKE CHANNEL Technical Performance :				
Frequency (MHz)	RL ≥dB	ATT ≤dB	NEXT ≥dB	DELAY ≤ns
1	19.0	2.1	65.0	580
4.0	19.0	4.0	63.0	562
10.0	19.0	6.3	56.6	555
16.0	18.0	8.0	53.2	553
20.0	17.5	9.0	51.6	552
31.25	16.5	11.4	48.4	550
62.5	14.0	16.5	43.4	549
100	12.0	21.3	39.9	548
200	9.0	31.5	34.8	547
250	8.0	35.9	33.1	546

Frequency (MHz)	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB
1	62.0	63.3	60.3
4	60.5	51.2	48.2
10	54.0	43.3	40.3
16	50.6	39.2	36.2
20	49.0	37.2	34.2
31.25	45.7	33.4	30.4
62.5	40.6	27.3	24.3
100	37.1	23.3	20.3
200	31.9	17.2	14.2
250	30.2	15.3	12.3