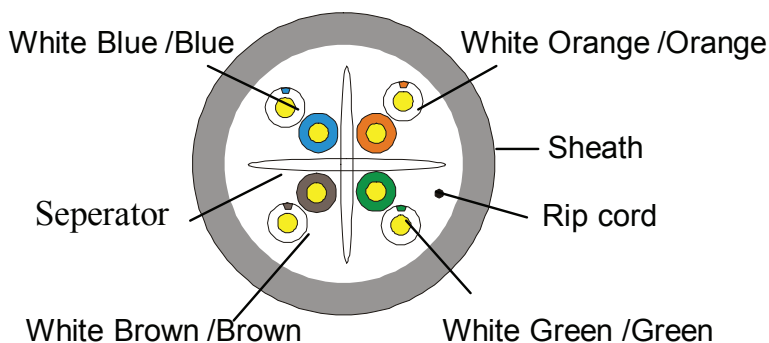


TECHNICAL DATA SHEET

23 AWG Category 6A U/UTP 4-Pair Cable LSZH Jacket

CALYX
Cabling system



Part No. P14-1605

Content of the Data Sheet

Sheath Printing		Brand , Cable category information & Meter mark			
Category	U/UTP CAT6A4 PL SZH				Technical Performance (100m):
Test Standard	ISO/IEC11801、TIA5 68C .2 YD/T1019				Frequency (MHz)
Conductor	Material	SolidB are Copper			RL ≥dB
	Nom.O.D.(mm)	0.570	up	+0.005	ATT(20°C) ≤dB
Insulation	Material	HDPE			NEXT ≥dB
	Diameter	1.03±0.03mm			PHASE DELAY ≤ns
Sheath	Thickness	0.65±0.05 mm (Avg.)			1 20.0 2.1 74.3 570.0
	External O.D.	6.9±0.4 mm			4.0 23.0 3.8 65.3 552.0
	Surface	Clean,Frap,Satiation			8.0 24.5 5.3 60.8 546.7
	Material	LSZH (complies RoHS)			10.0 25.0 5.9 59.3 545.4
	Color	According to the requires			16.0 25.0 7.5 56.2 543.0
Surface Printing	Letter height	3.0±0.3mm			20.0 25.0 8.4 54.8 542.1
	Color	Black			25.0 24.3 9.4 53.3 541.2
	Print error & Space	≤±0.5%, 1m			31.25 23.6 10.5 51.9 540.4
Core Color	1 White Blue /Blue	2 WhiteO range /Orange			62.5 21.5 15.0 47.4 538.6
	3 WhiteG reen /Green	4 White Brown /Brown			100 20.1 19.1 44.3 537.6
Packing	Wooden Tray & Carton				200 18.0 27.6 39.8 536.5
Carton dimension	40.5*40.5*21cm				250 17.3 31.1 38.3 536.3
Packing length	305±1.5m				300 16.8 34.3 37.1 536.1
Ripc ord	Yes	Drain wire	Yes		500 15.2 45.3 33.8 535.6
Sheath Physical Properties	Before Aging Tensile Strength (Mpa)		≥10.0		Frequency (MHz)
	Elongation(%)		≥125		PSNEXT ≥dB
	Aging Period (°C × hrs)		100°C × 24h × 7d		ELFEXT ≥dB
	After Aging Tensile Strength(Mpa)		≥8.0		PSELFEXT ≥dB
Elongation(%)		≥100		1 72.3 67.8 64.8	
Cold bend(20±2°C×4h)		8×Cable O.D., No visible cracks		4 63.3 55.8 52.8	
Electrical Characteristics (20°C)	1.0 500.0MHz Delay Shew (ns/100m) ≤45				8 48.8 49.7 46.7
	NVP		69		10 57.3 47.8 44.8
	DC Resistance (Ω /100m) max		9.5		16 54.2 43.7 40.7
	DC Conductor Resistance Unbalance (%) max		5.0		20 52.8 41.8 38.8

Note: The fire retardant of the outer sheath should be comply with national standard.