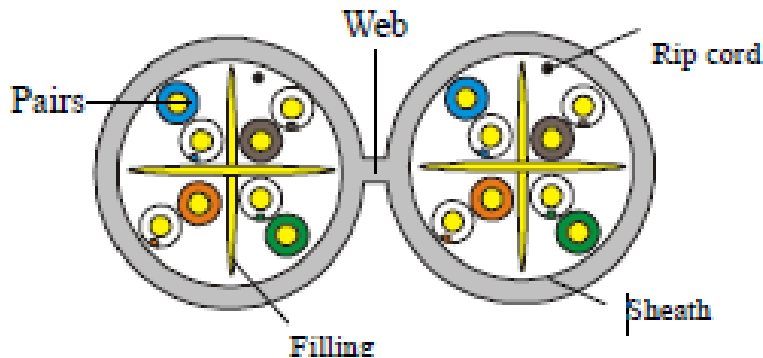


Product Specification

Eurolan Siames 2xCat6 4pair U/UTP 23awg LSZH



Ordering information

Part number	Description
19S-U6-23WT-R500	Eurolan Siames 2xCat6 4pair U/UTP 23awg LSZH white 500m/reel

Category	DUPLEX U/UTP CAT64PLSZH			
Test Standard	ISO/IEC11801、TIA568C. 2 YD/T1019			
1. Conductor	Material	SOLID-Bare Copper		
	Nom. O.D. (mm)	0.570	Up	+0.005
			Down	0.005
2. Insulation	Material	HDPE		
	Diameter	1.02±0.04mm		
Color	A.Blue, White-Blue	B.Orange, White-Orange		
	C.Green,White-Green	D.Brown, White-Brown		
3. Ripcord	Yes	Drain wire	No	
4. Sheath	Thickness	0.55±0.05 mm		
	External O.D.	(6.4/13..0)±0.4mm		
	Surface	Clean, Frap, Satiation		
	Material	LSZH (RoHS Complied)		
	Color	Multiple		
Surface Printing	Letter height	3.0±0.3mm		
	Color	Black		
	Print error & Space	≤±0.5% , 1m		
Packing	Drum in Carton			
Packing length	305±1.5m			

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Sheath	Before Aging Tensile Strength (Mpa) ≥ 10.0 Elongation (%) ≥ 125
Physical	Aging Period ($^{\circ}\text{C} \times \text{hrs}$) $100^{\circ}\text{C} \times 24\text{h} \times 7\text{d}$
Properties	After Aging Tensile Strength (Mpa) ≥ 8.0 Elongation (%) ≥ 100
	Cold bend ($20 \pm 2^{\circ}\text{C} \times 4\text{h}$) No visible cracks
Electrical	1.0250.0MHz, Characteristic impedance (Ω) 100 ± 15
Characteristics	1.0250.0MHz, Delay Shew $20^{\circ}\text{C}(\text{ns}/100\text{m}) \leq 45$
(20°C)	DC Resistance $20^{\circ}\text{C}(\Omega/100\text{m})$ max 9.5
	DC Conductor Resistance Unbalance (%) max 5.0

Technical performance (100m)						
F	Attenuation	NEXT	Delay	PS-NEXT	ELFLEX	PS-ELFLEX
MHz	dB/100m	dB	ns	dB	dB/100m	dB/100m
1	2,03	74,3	570,0	72.3	67.8	64,8
4	3,78	65,3	552,00	63.3	55,8	52,8
8	5,32	60,8	546.73	58.8	49,7	46,7
10	5,95	59,3	545.38	57.3	47,8	44,8
16	7,55	56,2	543.00	54.2	43,7	40,7
20	8,47	54,8	542.05	52.8	41,8	38,8
25	9,51	53,3	541.20	41.3	39,8	36,8
31,25	10,67	51,9	540.44	49.9	37,9	34,9
62,50	15,38	47,7	538.55	45.4	31,9	28,9
100	19,80	44,3	537.60	42.3	27,8	24,8
200	28,98	39,8	536.54	37.8	21,8	18,8
250	32,85	38,3	536.27	36.3	19,8	16,8