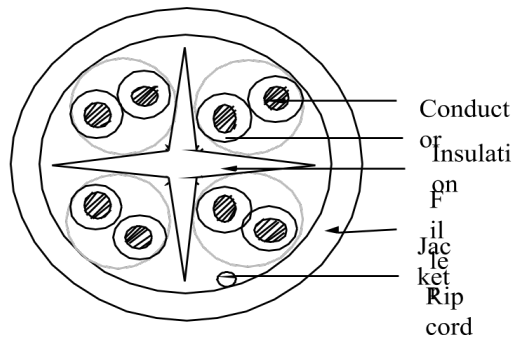


23 AWGX4P UTP CAT6			
Part NO: UTP-CAT6 23AWG			
Product Description			
Application:			
Horizontal Wiring in LAN CABLE			
Reference Standard			
ISO/IEC 11801			
ANSI/TIA/EIA-568-C			
Multi-construction			
4 Pairs (8 Cores)			
Cable Construction			
Conductor		Solid Bare Copper	
AWG		23	
Conductor Dia.		0.53±0.005mm	
Insulation		HDPE	
Thickness		AVG: 0.235mm, MIN: 0.22mm	
Insulation Dia.		1.00±0.01mm	
Each Pair is twisted ,Unshielded			
Polyester		NO	
Filler		Yes	
AL/Pet		NO	
Drain Wire		NO	
Rip Cord		Yes	

Jacket		LSOH
Thickness		AVG: 0.57mm, MIN: 0.55mm
Outer Dia.		6.1±0.20mm
Jacket Color		Violet
Color		
Insulation color are:		
Blue, White/Blue		
Orange, White/Orange		
Green, White/Green		
Brown, White/Brown		
Marking		
Cat6 utp/losh 4 pair 24awg to ISO11801 0		
Packaging		
305m/pull box,		
Pallet		
REMARK		
CPR Eca, ROHS COMPLIANT		

Design



Performance				
Frequency (MHz)	RL (dB) min.	Attenuation (dB/100m) max	NEXT (dB)	ACR (dB)
1	20.0	2.02	74.30	72.28
4	23.0	3.78	65.27	61.49
8	24.5	5.32	60.75	55.43
10	25.0	5.95	59.30	53.35
16	25.0	7.55	56.24	48.68
20	25.0	8.47	54.78	46.31
25	24.3	9.51	53.33	43.83
31.25	23.6	10.67	51.88	41.20
62.5	21.5	15.38	47.36	31.98
100	20.1	19.80	44.30	24.50
250	17.3	32.84	38.33	5.48
Frequency (MHz)	ELFEXT (dB)	PSNEXT (dB)	PSELFEXT (dB/100m)	Impedance (Ohm)
1	67.80	72.30	64.80	100±15
4	55.76	63.27	52.76	
8	49.74	58.75	46.74	
10	47.80	57.30	44.80	
16	43.72	54.24	40.72	
20	41.78	52.78	38.78	
25	39.84	51.33	36.84	
31.25	37.90	49.88	34.90	
62.5	31.88	45.36	28.88	
100	27.80	42.30	24.80	
250	19.80	36.30	16.80	
Characteristics				
Max.Conductor DC Resistance at 20°C (Ω/Km)				<83
Rated Temperature(°C)				75
Rated Voltage(V)		300V		
Velocity ratio				65%

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Prepared by:

Date: 2018-6-8

Approved by:

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