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### Electrical Characteristics

DC Resistance (max.) 7.32 ohms/100m.

DC Resistance Unbalance (max.) : 5%

Characteristic Impedance : 100 ± 15% Ohms

Delay skew (max.) 45 ns/100m

Freq. (Mhz)	Atten. dB/100m		PS- NEXT		PS- ACR		PS- ELFEXT		Return Loss	Propagation delay Max. delay
	max	NEXT dB(min)	NEXT dB(min)	ACR dB(min)	PS ACR dB(min)	ELFEXT dB(min)	ELFEXT dB(min)	dB(min)	(ns/100 m)	
0.772	1.8	76.0	74.0	74.2	72.2	70.1	67.1	-	-	
1	2.0	74.3	72.3	72.3	70.3	67.8	64.8	20.0	570	
4	3.7	65.3	63.3	61.5	59.5	55.8	52.8	23.0	552	
8	5.3	60.8	58.8	55.5	53.5	49.8	46.8	24.6	546	
10	5.9	59.3	57.3	53.4	51.4	47.8	44.8	25.0	545	
16	7.5	56.3	54.3	48.7	46.7	43.8	40.8	25.0	543	
20	8.4	54.8	52.8	46.3	44.3	41.8	38.8	25.0	542	
25	9.5	53.4	51.4	43.9	41.9	39.9	36.9	24.4	541	
31.25	10.6	51.9	49.9	41.2	39.2	37.9	34.9	23.7	540	
62.5	15.3	47.4	45.4	32.0	30.0	31.9	28.9	21.6	538	
100	19.8	44.3	42.3	24.5	22.5	27.8	24.8	20.1	537	
200	28.9	39.8	37.8	10.8	8.8	21.8	18.8	18.0	536	
250	32.8	38.4	36.4	5.5	3.5	19.9	16.9	17.4	536	
350	39.7	36.2	34.2	NA	NA	17.0	14.0	16.3	535	
400	42.9	35.3	33.3	NA	NA	15.8	12.8	15.9	535	
500	48.9	33.9	31.9	NA	NA	13.9	10.9	15.2	535	

### Construction Details

Conductor : 23AWG Solid Bare copper wire

Insu. / Thickness : Polyethylene 0.23 mm

Color Code :  
 Pair 1 = Blue - White/Blue  
 Pair 2 = Orange - White/Orange  
 Pair 3 = Green - White/Green  
 Pair 4 = Brown - White/Brown

Inner PE Jacket Diameter : 6.35 mm  
 Thickness : 0.55 mm


Outer PVC Jacket Diameter : 7.95 mm  
 Thickness : 0.80 mm

### Description

4 pair, 23AWG Solid, Polyethylene Insulation, Inner PE Jacket  
 Outer PVC Jacket, Category 6 Cable Tested to 500 MHz

### Listing and Retings

- : ETL Verified TIA/EIA-568-B.2-1 CAT.6
- : ETL Verified ISO/IEC 11801
- : UL Type CMR
- : CSA Type CMG FT4

Designed by - date	Checked by - date	Approved by - date	Date 10/08/2010	Size A4	Scale -
 HOSIWELL TECHNOLOGY CO., LTD.			Part Name Cat.6 UTP Horizontal Outdoor Cable	Unit -	
			Part No. 30022-D	Issued 1	
			Ref. No. UTPCAT6-D	Sheet 1 of 1	
			Used On.		