

RevNo	Revision note	Date
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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

Construction Details

Conductor : 23AWG Solid Bare copper wire

Insu. / Thickness : Polyethylene 0.23 mm

Jacket / Thickness : PVC 0.55 mm

Norm. Diameter : 6.35 mm

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

Description

4 pair, 23AWG Solid, Polyethylene Insulation

PVC Jacket, CMR 75°C Category 6 Cable Tested to 500 MHZ.

Listing and Ratings


- : ETL Verified TIA/EIA-568-B.2-1 Cat.6
- : ETL Verified ISO/IEC 11801
- : UL Type CMR (E135928)
- : CSA Type CMG FT4 (LL80602)

Packing : 305m reel in a box

Note :

Jacket colors available upon request.

Freq. (Mhz)	Atten. dB/100m max	PS-		ACR dB(min)	PS ACR dB(min)	ELFEXT dB(min)	PS- ELFEXT dB(min)	Return Loss dB(min)	Propagation delay Max. delay (ns/100 m)
		NEXT dB(min)	NEXT dB(min)						
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

Designed by - date	Checked by - date	Approved by - date	Date 21/09/2009	Size A4	Scale -
 HOSIWELL TECHNOLOGY CO., LTD.			Part Name Cat.6 UTP Horizontal Cable	Unit -	
			Part No. 30022-CC	Issued 1	
			Ref. No.	Sheet 1 of 1	
			Used On.		