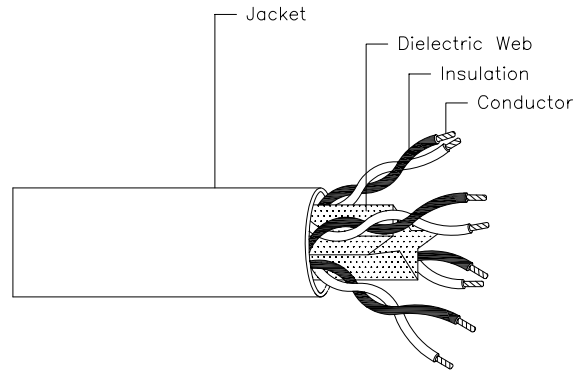


RevNo	Revision note	Date
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Electrical Characteristics

DC Resistance (max.) 8.76 ohms/100m.

DC Resistance Unbalance (max.) : 5%

Characteristic Impedance : 100 ± 15% Ohms

Delay skew (max.) 45 ns/100m

Construction Details

Conductor : 24AWG Stranded Bare copper wire

Insu. / Thickness : Polyethylene 0.20 mm

Jacket / Thickness : PVC 0.63 mm

Norm. Diameter : 6.0 mm

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

Description

4 pair, 24AWG Stranded, 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.	PS-		PS-		Return	Propagation delay
	dB/100m max	NEXT dB(min)	NEXT dB(min)	ELFEXT dB(min)	ELFEXT dB(min)	Loss dB(min)	Max. delay (ns/100 m)
0.772	2.2	76.0	74.0	70.1	67.1	-	-
1	2.4	74.3	72.3	67.8	64.8	20.0	570
4	4.5	65.3	63.3	55.8	52.8	23.0	552
8	6.3	60.8	58.8	49.8	46.8	24.6	546
10	7.1	59.3	57.3	47.8	44.8	25.0	545
16	9.0	56.3	54.3	43.8	40.8	25.0	543
20	10.1	54.8	52.8	41.8	38.8	25.0	542
25	11.4	53.4	51.4	39.9	36.9	24.2	541
31.25	12.8	51.9	49.9	37.9	34.9	23.4	540
62.5	18.4	47.4	45.4	31.9	28.9	20.8	538
100	23.7	44.3	42.3	27.8	24.8	19.0	537
200	34.7	39.8	37.8	21.8	18.8	16.4	536
250	39.4	38.4	36.4	19.8	16.9	15.6	536
350	47.7	36.2	34.2	17.0	14.0	14.3	535
400	51.5	35.3	33.3	15.8	12.8	13.8	535
500	58.7	33.9	31.9	13.9	10.9	13.0	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 Patch Cable	Unit -	
			Part No. 30021-CC	Issued 1	
			Ref. No.	Sheet 1 of 1	
			Used On.		