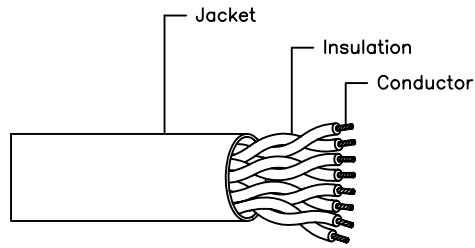


RevNo	Revision note	Date
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Electrical Characteristics

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

Cond. Stranding : 24AWG Stranded Bare copper wire

Insu. / Thickness : Polyethylene 0.18 mm

Jacket / Thickness : PVC 0.60 mm

Norm. Diameter : 5.10 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 5e Cable Tested to 350 MHz.

Listing and Retings

: ETL Verified TIA/EIA-568-B.2 CAT.5e

: UL Type CMR (E135928)


: CSA Type CMG FT4 (LL80602)

Packing : 305m reel in a box

NOTE :

Jacket colors available upon request.

Freq. (Mhz)	Insretion Loss		PS-		PS-		Return Loss dB(min)	Propagation delay Max. delay (ns/100 m)
	dB/100m max	NEXT dB(min)	NEXT dB(min)	ELFEXT dB(min)	ELFEXT dB(min)			
0.772	2.1	67.0	64.0	66.1	63.1	-	-	
1	2.4	65.3	62.3	63.8	60.8	20.0	570	
4	4.8	56.3	53.3	51.8	48.8	23.0	552	
8	6.9	51.8	48.8	45.8	42.8	24.6	546	
10	7.7	50.3	47.3	43.8	40.8	25.0	545	
16	9.9	47.3	44.3	39.8	36.8	25.0	543	
20	11.1	45.8	42.8	37.8	34.8	25.0	542	
25	12.5	44.4	41.4	35.9	32.9	24.2	541	
31.25	14.0	42.9	39.9	33.9	30.9	23.4	540	
62.5	20.3	38.4	35.4	27.9	24.9	20.8	538	
100	26.3	35.3	32.3	23.8	20.8	19.0	537	
200	38.9	30.8	27.8	17.8	14.8	16.4	536	
250	44.2	29.4	26.4	15.9	12.9	15.6	536	
350	53.8	27.2	24.2	13.0	10.0	14.3	535	

Designed by - date	Checked by - date	Approved by - date	Date 21/09/2009	Size A4	Scale -
 HOSIWELL TECHNOLOGY CO., LTD.			Part Name Cat.5e UTP Patch Cable	Unit -	
			Part No. 30001-CC	Issued 1	
			Ref. No.	Sheet 1 of 1	
			Used On.		