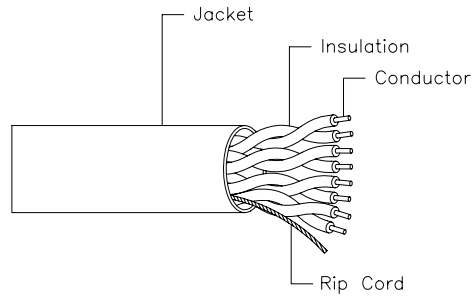


RevNo	Revision note	Date
△1		
△2		
△3		



Electrical Characteristics

DC Resistance (max.) 9.38 ohms/100m.

DC Resistance Unbalance (max.) : 5%

Characteristic Impedance : 100 ± 15% Ohms

Propagation delay : 538ns/100m max. @100 MHz

Delay skew (max.) 45 ns/100m

Construction Details

Cond. Stranding : 24AWG Solid Bare copper wire

Insu. / Thickness : Polyethylene 0.20 mm

Jacket / Thickness : Polyethylene 0.70 mm

Norm. Diameter : 5.10 mm

Jacket Color : Black

- 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, 24AWG Solid, Polyethylene Insulation
Polyethylene Jacket, Category 5e Cable

Listing and Retings

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

Packing : 305m reel in a box

Freq. (Mhz)	Atten. dB/100m max	NEXT dB(min)	PS- NEXT dB(min)	PS- ELFEXT dB(min)	PS- ELFEXT dB(min)	Return Loss dB(min)	Propagation delay Max. delay (ns/100 m)
0.772	1.8	67.0	64.0	66.1	63.1	-	-
1	2.0	65.3	62.3	63.8	60.8	20.0	570
4	4.0	56.3	53.3	51.8	48.8	23.0	552
8	5.7	51.8	48.8	45.8	42.8	24.6	546
10	6.4	50.3	47.3	43.8	40.8	25.0	545
16	8.2	47.3	44.3	39.8	36.8	25.0	543
20	9.2	45.8	42.8	37.8	34.8	25.0	542
25	10.4	44.4	41.4	35.9	32.9	24.4	541
31.25	11.7	42.9	39.9	33.9	30.9	23.7	540
62.5	16.9	38.4	35.4	27.9	24.9	21.6	538
100	21.9	35.3	32.3	23.8	20.8	20.1	537

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 Horizontal Outdoor Cable	Unit -	
			Part No. 30005-BK	Issued 1	
			Ref. No.	Sheet 1 of 1	
			Used On.		