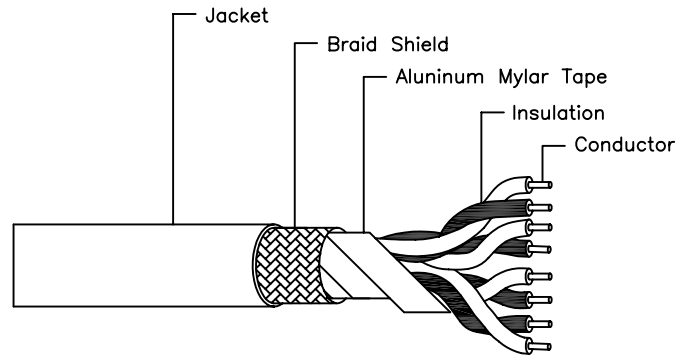


RevNo	Revision note	Date
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Electrical Characteristics

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

DC Resistance Unbalance (max.) : 5%

Characteristic Impedance : 100 ± 15% Ohms

Delay skew (max.) 45 ns/100m

Construction Details

Cond. Stranding : 24AWG Solid Bare copper wire

Insu. / Thickness : Polyethylene 0.31 mm

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

Construction :

4 Pairs twisted together with Aluminum mylar tape and Tinned Copper Wire Braid Shield 40% Coverage

Jacket :

Jacket / Thickness : PVC 0.60 mm

Norm. Diameter : 6.30 mm

Description

4 Pair, 24AWG Solid, Polyethylene Insulation
 PVC Jacket, CMR 75°C Category 5e Cable Tested to 350 MHz.

Listing and Ratings


- : 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	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 SFTP Horizontal Cable	Unit -	
			Part No. 30015-CC	Issued 1	
			Ref. No.	Sheet 1 of 1	
			Used On.		