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Electrical Characteristics

DC Resistance (max.) 14.0 ohms/100m.

DC Resistance Unbalance (max.) : 5%

Characteristic Impedance : 100 ± 15% Ohms

Delay skew (max.) 45 ns/100m

Construction Details

Cond. Stranding : 26AWG Stranded Bare copper wire

Insu. / Thickness : Polyethylene 0.22 mm

Color Code : Pair 1 = Blue - Light Blue

Pair 2 = Orange - White

Pair 3 = Green - Light Green

Pair 4 = Brown - Light 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 : 5.60 mm

Description

4 Pair, 26AWG Stranded, 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)	NEXT dB(min)	PS- NEXT dB(min)	ELFEXT dB(min)	PS- ELFEXT dB(min)	Return Loss dB(min)	Propagation delay (ns/100 m) Max. delay
0.772	67.0	64.0	66.1	63.1	-	-
1	65.3	62.3	63.8	60.8	20.0	570
4	56.3	53.3	51.8	48.8	23.0	552
8	51.8	48.8	45.8	42.8	24.6	546
10	50.3	47.3	43.8	40.8	25.0	545
16	47.3	44.3	39.8	36.8	25.0	543
20	45.8	42.8	37.8	34.8	25.0	542
25	44.4	41.4	35.9	32.9	24.2	541
31.25	42.9	39.9	33.9	30.9	23.4	540
62.5	38.4	35.4	27.9	24.9	20.8	538
100	35.3	32.3	23.8	20.8	19.0	537
200	30.8	27.8	17.8	14.8	16.4	536
250	29.4	26.4	15.9	12.9	15.6	536
350	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 Patch Cable	Unit -	
			Part No. 30012-CC	Issued 1	
			Ref. No.	Sheet 1 of 1	
			Used On.		