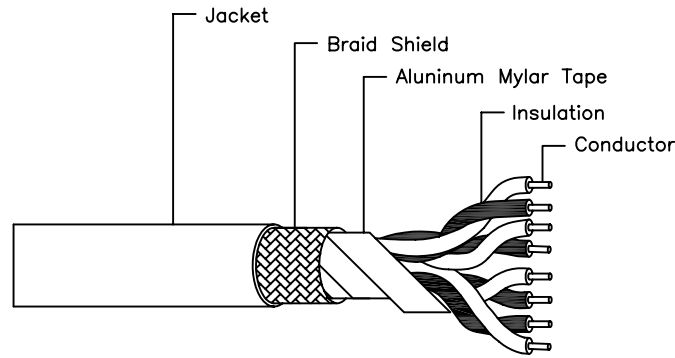


| RevNo | Revision note | Date |
|-------|---------------|------|
| △     |               |      |
| △     |               |      |
| △     |               |      |



### 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.<br>(Mhz) | Insretion Loss |                 | PS-             |                   | PS-  | Return<br>Loss | Propagation delay<br>Max. delay<br>(ns/100 m) |
|----------------|----------------|-----------------|-----------------|-------------------|------|----------------|---|
|                | dB/100m<br>max | NEXT<br>dB(min) | NEXT<br>dB(min) | ELFEXT<br>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<br>21/09/2009                        | Size<br>A4      | Scale<br>- |
| <br>HOSIWELL TECHNOLOGY CO., LTD. |                   |                    | Part Name<br>Cat.5e SFTP Horizontal Cable | Unit<br>-       |            |
|  |                   |                    | Part No.<br>30015-CC                      | Issued<br>1     |            |
|  |                   |                    | Ref. No.                                  | Sheet<br>1 of 1 |            |
|  |                   |                    | Used On.                                  |                 |            |