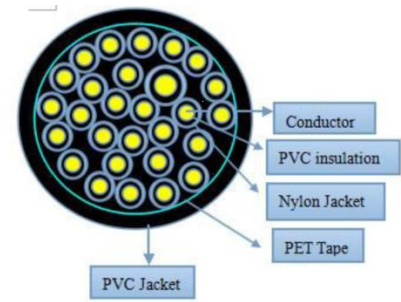


**LA DOT 14-28**  
**14/27 +10/1 SIGNAL CABLE**  
**Part No. SYS972814LA**



## Physical Characteristics

- **Conductor:** Solid Bare Copper
- **Insulation:** Superior Polyvinyl Chloride  
Nylon (color: transparent )
- **Conductor Color Code:**

<p><b>Conductor 1:</b> Brown/Black (Single stripe)</p> <p><b>Conductor 3:</b> Yellow/Orange (Single stripe)</p> <p><b>Conductor 5:</b> Yellow/Purple (Single stripe)</p> <p><b>Conductor 7:</b> Yellow/Black (Single stripe)</p> <p><b>Conductor 9:</b> Red/Purple (Double stripe)</p> <p><b>Conductor 11:</b> Blue/Black (Single stripe)</p> <p><b>Conductor 13:</b> Brown/Black (Double stripe)</p> <p><b>Conductor 15:</b> Brown/Purple (Single stripe)</p> <p><b>Conductor 17:</b> Yellow/Grey (Single stripe )</p> <p><b>Conductor 19:</b> Brown/Orange (Double stripe)</p> <p><b>Conductor 21:</b> Blue/Grey (Single stripe)</p> <p><b>Conductor 23:</b> Black/Red (Single stripe)</p> <p><b>Conductor 25:</b> Blue/Orange (Single stripe)</p> <p><b>Conductor 27:</b> Red/Grey (Single stripe)</p>	<p><b>Conductor 2:</b> Red/Orange (Single stripe)</p> <p><b>Conductor 4:</b> 10AWG insulation color: White</p> <p><b>Conductor 6:</b> Brown/Grey (Single stripe)</p> <p><b>Conductor 8:</b> Brown/Grey (Double stripe)</p> <p><b>Conductor 10:</b> Brown/Purple (Double stripe)</p> <p><b>Conductor 12:</b> Brown/Orange (Single stripe)</p> <p><b>Conductor 14:</b> Red/Black (Double stripe)</p> <p><b>Conductor 16:</b> Red/Purple (Single stripe)</p> <p><b>Conductor 18:</b> Red/Black (Single stripe)</p> <p><b>Conductor 20:</b> Red/Grey (Double stripe)</p> <p><b>Conductor 22:</b> White/Black (Single stripe)</p> <p><b>Conductor 24:</b> Black</p> <p><b>Conductor 26:</b> Blue/Purple (Single stripe)</p> <p><b>Conductor 28:</b> Red/Orange (Double stripe)</p>
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- **Cable Core Composing:** 14AWG/27C+10AWG/1C
- **Cable Core Mylar Spiral:** ≥ 125%
- **Jacket:** SUN RES & RoHS compliant PVC
- **Jacket Legend:** KARISH INDUSTRIES THWN 27/C 14AWG 1/C 10AWG 600V ETL XXXXFT
- **Nominal Cable Diameter (in):** 0.862 ± 0.008
- **Temperature Rating:** 75C
- **Operating Voltage:** 600V

## Features & Benefits

- For applications that require Syston THWN 14 AWG/12C + 10 AWG/1C cable Performance with flexibility for the future
- Third-party verified for guaranteed performance and RoHS compliant

## Electrical Performance(20°C)

Item	Parameter	Note
14AWG Conductor Resistance	≤8.45Ω/3278.69Ft	
10AWG Conductor Resistance	≤3.34Ω/3278.69Ft	
Voltage	600V	
All parameters, performance need to meet to the requirement of UL 83 THWN standards.		

## Examples of Specifications

Number of Core	Cable-Unit	Nominal Sheath Thickness	Nominal Overall Diameter
28C	Unit 28	0.060"	0.862"±0.008+