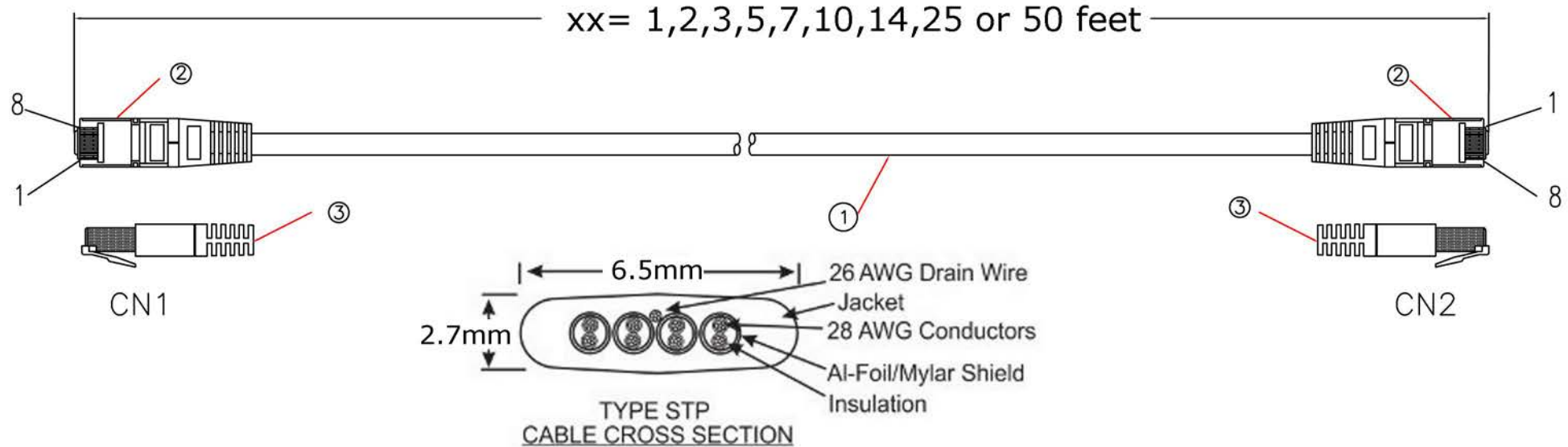


SS

VPI P/N: CAT5E-SF-xx-BLACK-SHLD



## NOTE:

1. CABLE: UL2725 (7/0.127TA\*1PR+A)\*4K+E, FLAT CABLE. OD: 2.7±0.15\*6.5±0.19MM

COLOR: BLACK(P001) W95102605

MARKING: SUPERFLAT CAT5E STP ETHERNET CABLE RoHS

2. CONNECTOR: RJ45, 8P8C, WHOLE COVERED 50u" GOLD PLATED CONTACT.  
(Cable #TC6T6B-0E + SR0815 (Liner / MGT8ST))

3. STRAIN RELIEF: PVC, 30P COLOR: BLACK(V398).

4. ALL MATERIALS MUST BE RoHS COMPLIANT

## ELECTRIC TEST:

A. OPEN/SHORT/INTERMITTENCE: 100%.

B. HI-POT: 300V AC/sec

C. INSULATION RESISTANCE: 20M ohm (MIN)

D. CONDUCTIVE RESISTANCE: 2 ohm (MAX)

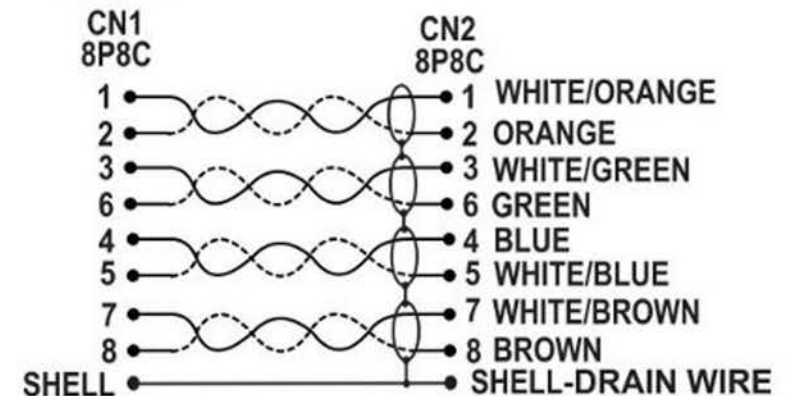
## Tolerance:

L=1-15FT± 2 IN.

L=16-49FT± 4 IN.

L=50-150FT± 6 IN.

## PINOUT:



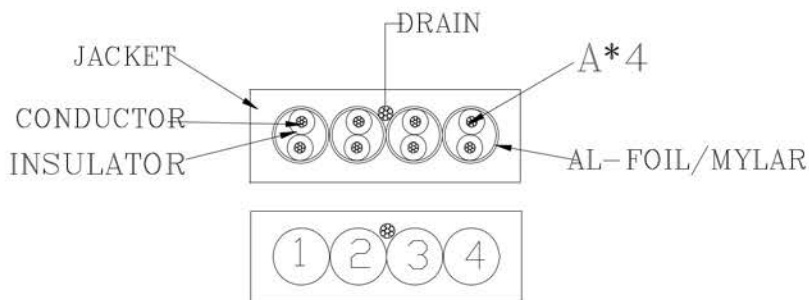
**VIDEO  
PRODUCTS  
INCORPORATED**

1275 Danner Drive Aurora, Ohio 44202  
Tel: 330-562-2622 Fax: 330-562-1999  
www.vpi.us



CABLE SPECIFICATION

SPEC No.:	UL2835 (7/0.127TA*1PR+A)*4K+E						
Customer		Customer NO.	91P001B680D77021120 -000755	8 Code:		Sample NO:	S16022503
UL File NO.		UL Style:	UL2835	Date:	2016/2/25	Spec NO:	--
CSA File NO.	--	CSA Style:	--	Edition:		Operation NO:	--
Structure			Structure A				
Conductors	Structure AWG	AWG	28#(7/0.127±0.008)				
	Material	--	Tinned Copper				
	O.D.	mm	0.37 Ref				
Insulation	Material	--	HD-PE				
	Diameter	mm	0.62±0.05				
	Average Thickness	mm	0.125				
	Color	--	AS Color Code				
Twist	Direction	--	Right (S)				
	Diameter	mm	1.24				
Shielding	Material	--	AL-foil/mylar				
	Conductive Side	--	Outside				
	Overlap Rate	%	25				
Drain wire	Structure AWG	AWG	28#(7/0.127±0.008)				
	Material	--	Tinned Copper				
Jacket	Material	--	PVC				
	Diameter	mm	2.7±0.13*6.5±0.19				
	Min Average Thickness	mm	0.69*0.61				
	Extrusion	--	Solid				
	Externals	--	Plane				
	Color	--	K626 (BLACK)				
Inking	Color	--	WHITE				
	Inking NO.	C2Z	AWM	Z STYLE 2835 VW-1 60°C 30V Video Products Inc WWW.VPI.US			



COLOR CODE

- 1. ORANGE\*ORANGE/WHITE
- 2. GREEN\*GREEN/WHITE
- 3. BLUE\*BLUE/WHITE
- 4. BROWN\*BROWN/WHITE

## CABLE CHARACTERS

SPEC No.:	UL2835 (7/0.127TA*1PR+A)*4K+E					
Customer	Customer NO.	91P001B6680Y7021120-000755	8 Code:		Sample NO:	
UL File NO.	UL Style:	UL2835	Date:	2016/2/25	Spec NO:	--
CSA File NO.	--	CSA Style:	--	Edition:	Operation NO:	--

**Electric Characters**

- 1.Voltage rating: 30V
- 2.Temperature rating : 60°C
- 3.Spark test : AC-500V / 0.15 sec MIN.
4. Dielectric strength: AC-750V/1sec MIN.
- 5.Insulation resistance : PE: DC-500V 100 MΩ/1KM MIN. at 20°C
- 6.Conductor resistance : 28AWG-237.2Ω/KM MAX. at 20°C

**Physical Characters**

- 1.Tensile strength test( before agir
  - 1.1 Sheath : > 1.05kg/mm2
  - 1.2 Insulation : > 1.05kg/mm2
- 2.Tensile strength test ( after aging) :
  - 2.1 Sheath : > 70%
  - 2.2 Insulation : > 70%
- 3.Elongation (before aging) :
  - 3.1 Sheath : > 100%
  - 3.2 Insulation : > 100%
4. Elongation( after aging) :
  - 4.1 Sheath : > 65%
  - 4.2 Insulation : > 65%
- 5.Requirements for green environment protection :ROHS