



# PRODUCT DATA SHEET

Controlled Document - Engineering Drive

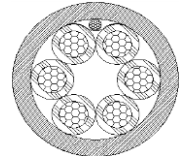
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**PART NUMBER:** 75906  
**DESCRIPTION:** 18/6 STRANDED SHIELDED CL3P/CMP/FPLP FT6 PLENUM CABLE  
**CONSTRUCTION:** This cable consists of six bare copper insulated conductors, cabled with an overall shield and drain wire, and an overall jacket.  
**APPROVALS:** UL Standard 13 and 444, NEC Articles 725 and 800.  
Power Limited Circuit Cable And Communications Cable Used in Plenum Applications

## Construction Parameters:

Conductor	18 AWG Bare Copper
Stranding	7/0.152"
Insulation Material	Low Smoke PVC
Insulation Thickness	0.008" Nom.
Insulated Conductor Diameter	0.062" Nom.
Number of Conductors	6
Lay Length	5.00" Nom.
Shield	Alum/Mylar
Drain	24 AWG Solid Tinned Copper
Jacket Material	Low Smoke PVC
Jacket Thickness	0.017" Nom.
Overall Cable Diameter	0.224" Nom.
Approximate Cable Weight	48.7 Lbs/1M' Nom.
Flame Rating	NFPA 262 Steiner Tunnel Smoke and Flame Test

## Cable Cross-Section



## Electrical & Environmental Properties:

Temperature Rating	-20°C to 75°C
Operating Voltage	300 V RMS Max.
Capacitance Between Conductors @ 1 KHz	56 pF/ft Nom.
Capacitance Between Conductors to Shield @ 1 KHz	103 pF/ft Nom.
DC Resistance per Conductor @ 20°C	6.29 Ohms/1M' Nom.

Insulation Colors	Black Red White Green Brown Blue
Jacket Color	Beige (Other colors available for minimum order)

Legend (Surface Ink Print)	CCI 75906 18 AWG 6/C C(ETL) US (ETL CODE) TYPE CMP/CL3P/FPLP 75C -- TYPE CMP FT6
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This product complies with European Directive 2002/95/EC (RoHS)  
On special orders, the customer will accept all factory lengths and +/- 10 percent of total order requested.  
Cable has a rip cord for easy jacket removal. The jacket is sequentially footmarked.

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