



# PRODUCT DATA SHEET

Controlled Document - Engineering Drive

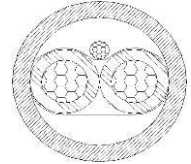
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**PART NUMBER:** 75502  
**DESCRIPTION:** 14/2 STRANDED SHIELDED CMP/CL3P/FPLP FT6 PLENUM CABLE  
**CONSTRUCTION:** This cable consists of two bare copper insulated conductors, cabled with an overall shield and drain wire, and an overall jacket.  
**APPROVALS:** UL Standard 13, 444 & 1424; NEC Articles 725, 760 & 800.  
**APPLICATION:** Communications Cable, Class 3 Power Limited Circuit Cable and/or Fire Alarm Power Limited Circuit Cable used for Plenum Applications.

## Construction Parameters:

Conductor	14 AWG Bare Copper
Stranding	19/.0147"
Insulation Material	Low Smoke PVC
Insulation Thickness	0.010" Nom.
Insulated Conductor Diameter	0.090" Nom.
Number of Conductors	2
Lay Length	4.00" 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	47.9 Lbs/1M' Nom.
Flame Rating	NFPA 262 Steiner Tunnel Smoke and Flame Test

## Cable Cross-Section



## Electrical Properties:

Temperature Rating	-20°C to 75°C
Operating Voltage	300 V RMS Max.
Capacitance Between Conductors @ 1 KHz	66 pF/ft Nom.
Capacitance Between Conductors to Shield @ 1 KHz	121 pF/ft Nom.
DC Resistance per Conductor @ 20°C	2.52 Ohms/1M' Nom.

Insulation Colors	Black Red
Jacket Color	Beige (Other colors available for minimum order)

Legend (Surface Ink Print)	CCI 75502 14 AWG 2/C (ETL)US (ETL CODE) TYPE CMP/CL3P/FPLP 75C
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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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