



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

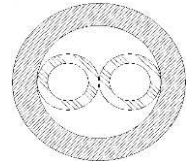
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PART NUMBER: 81402
DESCRIPTION: 14/2 SOLID FPLP CABLE
CONSTRUCTION: This cable consists of two bare copper insulated conductors and an overall jacket.
APPROVALS: UL Standard 1424, NEC Article 760.
APPLICATION: Fire Alarm Power Limited Circuit Cable Used in Plenum Applications

Construction Parameters:

| | |
|------------------------------|--|
| Conductor | 14 AWG Bare Copper |
| Stranding | Solid |
| Insulation Material | Low Smoke PVC |
| Insulation Thickness | 0.008" Nom. |
| Insulated Conductor Diameter | 0.080" Nom. |
| Number of Conductors | 2 |
| Lay Length | 5.00" Nom. |
| Jacket Material | Low Smoke PVC |
| Jacket Thickness | 0.017" Nom. |
| Overall Cable Diameter | 0.194" Nom. |
| Approximate Cable Weight | 36.2 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 | 44 pF/ft Nom. |
| Capacitance Between Conductors to Shield @ 1 KHz | ----- |
| DC Resistance per Conductor @ 20°C | 2.54 Ohms/1M' Nom. |

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

| | |
|----------------------------|---|
| Legend (Surface Ink Print) | CCI 81402 14 AWG 2/C (ETL)US (ETL CODE) TYPE FPLP 75C -- XX/XX/XX (MONTH/DAY/YEAR) HH:MM (HOUR/MINUTE) |
|----------------------------|---|

| | |
|-----------------------|---|
| Testing Requirements: | Spark Testing (Jacket and Insulation): 2KVAC (100% of manufactured cable) Hypot Testing: 2.5KVDC (1 out of 10 reels) Continuity: 100% (every packaged reel) |
|-----------------------|---|

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.

The jacket is sequentially footmarked.

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