



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

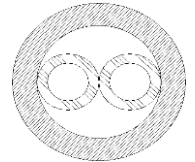
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PART NUMBER: 81402
DESCRIPTION: 14/2 SOLID FPLP CABLE
CONSTRUCTION: This cable consists of two bare copper insulated conductors and an overall jacket.
APPROVALS: UL Standard 1424, NEC Article 760.
APPLICATION: Fire Alarm Power Limited Circuit Cable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