



Technical Specifications

Product Line: 18-6C-FPLR

Description

6 conductor 18 AWG solid, twisted, and unshielded cable
NEC type FPLR. Product manufactured compliant to the requirements of UL1424 for installations and applications in accordance with NEC article 760.

Conductor

18 AWG
Solid annealed bare copper conductors
Diameter: 0.0403" | 1.024mm

Electrical

DC resistance: 6.2 Ω / 1000' | 20.33 Ω /KM
Mutual capacitance: 32 pF/FT | 104.96 pF/M
Impedance: 62 Ω
Inductance: 0.15 μ H/FT | 0.49 μ H/M
Velocity of Propagation: 55%
Voltage rating: 300V
Maximum current: 3.0A@25°C

Insulation

Polyvinyl chloride
Wall thickness: 0.008" | 0.21mm
Diameter: 0.0563" | 1.43mm

Regulatory

NEC: FPLR 60°C
CEC: FPLR FT4 60°C
EU RoHS 2002/95/EC Compliant

Color Code

Black, Red, Brown, Blue, Green, Yellow

Packages

Reel: 1000' | 305M
Weight: 46 Lbs/1000' | 67 Kg/KM

Assembly

6 conductors twisted
Lay length: 4.0" | 100mm
3.0 twists per foot | 10.0 twists per meter

Installation

Pull Tension: 78 Lbs | 347 N
Bend radius: 2.05" | 53mm unloaded
Bend radius: 4.10" | 106mm loaded

Construct

Ripcord under jacket

Applications

Riser fire alarm, signalling and safety circuits

Shield

N/A

Performance

N/A

Jacket

Polyvinyl chloride
Colors: Red
Wall thickness: 0.014" | 0.36mm
Diameter: 0.205" | 5.21mm

Final Outside Diameter (inches)

0.205

Specification Revision Date:

February 1, 2013

