

**Product SKU:** C3156.41.03

**Product Description:** Plenum Cable, Multi-Paired, Individually Foil Shielded, NEC Type CM (UL) c(UL), No. of Pairs: 2, Gauge Size (AWG): 22, Conductor/Strands: 7/30 TC, Jacket: Red Fluoropolymer, Temperature Range: -20°C to +150°C - Red - 1000 Ft. Reel

**Product Category:** Electronics - Plenum Cable (available with rip cords - please contact customer service) - Multi-Paired, Individually Foil Shielded-Red Fluoropolymer - Red



**Product Construction:**

- Conductor:
  - 22 AWG fully annealed stranded tinned copper per ASTM B-33
- Insulation:
  - Premium grade, color-coded fluoropolymer
- Shield:
  - 100% Flexfoil® aluminum/polyester foil each with 25% overlap, minimum
  - Stranded tinned copper drain wire
- Jacket:
  - Fluoropolymer, Red
  - Sequential footage marked to facilitate installation
  - Temperature Range: -20°C to +150°C

**Product Specification:**

- Conductor Size (AWG):
  - 22
- Conductor/Strands:
  - 7/30 TC
- No. of Pairs:
  - 2
- Jacket Color:
  - Red
- Nominal Insulation Thickness (in):
  - 0.006
- Nominal Insulation Thickness (mm):
  - 0.15

Nominal Jacket Thickness (in):	• 0.010
Nominal Jacket Thickness (mm):	• 0.25
Nominal Outside Diameter (in):	• 0.147
Nominal Outside Diameter (mm):	• 3.73
Nominal Capacitance (pF/ft A):	• 28
Nominal Capacitance (pF/ft B):	• 50.4
Standard Packaging:	• 1000' Non-returnable Wood Reels
Standard Package Quantity:	• 1
UPC #:	• 079407790081
Footnote:	<ul style="list-style-type: none"> <li>• Cabled on common axis to reduce diameter, foil out, common drain wire</li> <li>• Nominal Cap. A: Capacitance between conductors</li> <li>• Nominal Cap. B: Capacitance between one conductor and other conductors connected to shield</li> </ul>
Put-up:	• 1000
SCC-14:	• 50079407790088
Cube:	• 1008
Weight Per Unit of Measure:	• .0179
ColorOption:	• Red

**Product Information:**

Applications:

- Point of Sale Systems
- Power limited control circuits
- Process control and instrumentation
- Remote control circuits
- Suggested voltage rating: 300 Volts

Compliances:

- Designed to Meet NFPA 262 Flame Test
- NEC Article 800 (UL: 150°C, 300V)

Features:

- Abrasion-, chemical- and water-resistant jacket
- Individually shielded pairs for excellent signal isolation

Packaging:

- 1000' (305 m) Reels
- Other put-ups available- consult Customer Service

**Reference Charts**

[Color Code Chart](#)

**Technical Specifications**

[Unit Conversion Factors](#)

[Cable Design Equations - Balanced Pair](#)

[Insulation and Jacket Properties](#)

[Temperature Conversion Chart](#)

[Decimal and Unit Conversion Factors](#)

[Cable Design Equations - Braid Shield](#)

[AWG Conductor Chart](#)

[Conduit Capacity Chart](#)

[Cable Design Equations - Coaxial Cable](#)

[Engineering Prefixes](#)

[Coax Connector Cross Reference](#)

[Glossary](#)



Designed to Meet UL 910  
Test For Flame Propagation  
& Smoke Density  
Underwriters Laboratories Inc.



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