

**Product SKU:** C8000.41.01

**Product Description:** Coaxial Cable, Twinaxial Type, Gauge Size (AWG) Nominal DCR: 20 Ga. (7 X 28) (1) Tinned Copper, (1) Bare Copper 9.5 Ohm/M, Shield Coverage Nominal Shield DCR: 100% Flexfoil® +90% Tinned Copper Braid 2.5 Ohm/M, Jacket: Black PVC - Black - 1000 Ft. Reel

**Product Category:** Electronics - Coaxial Cable - Twinaxial Cables - Black



**Product Construction:**

- |                  |                                                                                                                                 |
|------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Conductor:       | <ul style="list-style-type: none"><li>• Copper per ASTM B-3</li><li>• Tinned copper per ASTM B-33</li></ul>                     |
| Insulation/Core: | <ul style="list-style-type: none"><li>• Lo-Cap® polypropylene designs</li><li>• Solid and foamed polyethylene designs</li></ul> |
| Shield:          | <ul style="list-style-type: none"><li>• Flexfoil® shield</li><li>• Tinned copper braid</li></ul>                                |
| Jacket:          | <ul style="list-style-type: none"><li>• Premium PVC compound</li></ul>                                                          |

**Product Specification:**

- |                                     |                                                                                                     |
|-------------------------------------|-----------------------------------------------------------------------------------------------------|
| No. of Conductors:                  | <ul style="list-style-type: none"><li>• 2</li></ul>                                                 |
| Conductor Size (AWG):               | <ul style="list-style-type: none"><li>• 20</li></ul>                                                |
| Jacket Color:                       | <ul style="list-style-type: none"><li>• Black</li></ul>                                             |
| Insulation Material (in):           | <ul style="list-style-type: none"><li>• Solid Polyethylene Coded : Natural, Natural 0.022</li></ul> |
| Insulation Material (mm):           | <ul style="list-style-type: none"><li>• Solid Polyethylene Coded : Natural, Natural 0.56</li></ul>  |
| Shield Coverage Nominal Shield DCR: | <ul style="list-style-type: none"><li>• 100% Flexfoil® +90% Tinned Copper Braid 2.5 Ohm/M</li></ul> |
| Nominal Outside Diameter (in):      | <ul style="list-style-type: none"><li>• Black PVC 0.330</li></ul>                                   |

|                                        |                                                                                                                                            |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Nominal Outside Diameter (mm):         | <ul style="list-style-type: none"><li>Black PVC 8.38</li></ul>                                                                             |
| Nominal Capacitance (pF/ft):           | <ul style="list-style-type: none"><li>15.50</li></ul>                                                                                      |
| Nominal Capacitance (pF/m):            | <ul style="list-style-type: none"><li>50.86</li></ul>                                                                                      |
| Velocity of Propagation %:             | <ul style="list-style-type: none"><li>66</li></ul>                                                                                         |
| Nominal Impedance Ohm:                 | <ul style="list-style-type: none"><li>100</li></ul>                                                                                        |
| Nominal Attenuation MHz/dB per 100 ft: | <ul style="list-style-type: none"><li>1/0.40</li><li>200/6.40</li><li>10/1.10</li><li>50/2.50</li><li>100/4.10</li><li>400/16.00</li></ul> |
| Standard Packaging:                    | <ul style="list-style-type: none"><li>1000' Non-returnable Wood Reels</li></ul>                                                            |
| Standard Package Quantity:             | <ul style="list-style-type: none"><li>1</li></ul>                                                                                          |
| UPC #:                                 | <ul style="list-style-type: none"><li>079407745029</li></ul>                                                                               |
| Put-up:                                | <ul style="list-style-type: none"><li>1000</li></ul>                                                                                       |
| SCC-14:                                | <ul style="list-style-type: none"><li>50079407745022</li></ul>                                                                             |
| Cube:                                  | <ul style="list-style-type: none"><li>3422.952</li></ul>                                                                                   |
| Weight Per Unit of Measure:            | <ul style="list-style-type: none"><li>.07</li></ul>                                                                                        |
| ColorOption:                           | <ul style="list-style-type: none"><li>Black</li></ul>                                                                                      |

**Product Information:**

## Applications:

- Broadcast
- Computers
- Data transmission
- Programmable Logic Controllers (PLC)

## Packaging:

- 1000 foot (305 m) Pull-Pac ® Cartons
- 1000' (305 m) Reels
- Other put-ups available- consult Customer Service

## 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](#)



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