

Product SKU: C2509.46.01

Product Description: Direct Burial, Audio and Communication Cable, No. of Conductors: 2, Gauge Size (AWG): 20, Conductor/Strands: Solid, Jacket: Black Permaliner High Density Polyethylene, Temperature Range: -20°C to +80°C - Black - 5000 Ft. Reel

Product Category: Electronics - Special Application Cable - Direct Burial, Audio and Communication - Black



Product Construction:

- | | |
|-------------|---|
| Conductor: | <ul style="list-style-type: none">• 20 AWG fully-annealed, solid tinned copper per ASTM B-33 |
| Insulation: | <ul style="list-style-type: none">• Color Code: See chart below• Premium grade color-coded polyethylene |
| Shield: | <ul style="list-style-type: none">• 100% Flexfoil® aluminum/polyester with 25% overlap, minimum, foil facing out• Solid tinned copper drain wire |
| Jacket: | <ul style="list-style-type: none">• Permaline® high density polyethylene, black• Temperature Range: -20°C to +80°C |

Product Specification:

- | | |
|------------------------------------|---|
| No. of Conductors: | <ul style="list-style-type: none">• 2 |
| Conductor Size (AWG): | <ul style="list-style-type: none">• 20 |
| Conductor/Strands: | <ul style="list-style-type: none">• Solid |
| Jacket Color: | <ul style="list-style-type: none">• Black |
| Nominal Insulation Thickness (in): | <ul style="list-style-type: none">• 0.013 |
| Nominal Insulation Thickness (mm): | <ul style="list-style-type: none">• 0.33 |
| Nominal Jacket Thickness (in): | <ul style="list-style-type: none">• 0.037 |

Nominal Jacket Thickness (mm):	• 0.94
Nominal Outside Diameter (in):	• 0.190
Nominal Outside Diameter (mm):	• 4.83
Nominal Capacitance (pF/ft A):	• 25.0
Nominal Capacitance (pF/ft B):	• 46.0
Standard Packaging:	• 5000' Non-returnable Wood Reels
Standard Package Quantity:	• 1
UPC #:	• 079407815500
Footnote:	<ul style="list-style-type: none"> • Nominal Cap. A: Capacitance between conductors • Nominal Cap. B: Capacitance between one conductor and other conductors connected to shield
Put-up:	• 5000
SCC-14:	• 50079407815500
Cube:	• 1080
Weight Per Unit of Measure:	• .0178
ColorOption:	• Black

Product Information:

- Applications:
- 100% shielded cable where RF shielding is required
 - Outdoor uses
 - Suggested voltage rating: 350 Volts
 - Suitable for direct burial

Features:

- Highly durable jacket
- Permaline® jackets resist deterioration
- Sunlight resistant

Packaging:

- 1000' (305 m) Spools or Reels
- 500' (152 m) Spools or 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](#)

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