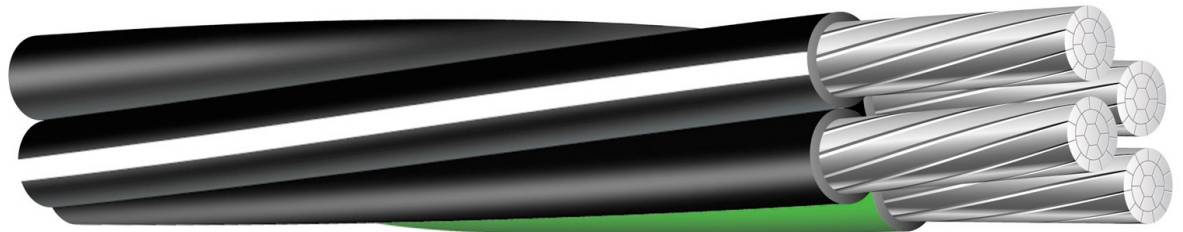


Mobile Home Feeder

Underground Service Entrance Cable. 600 Volt.
AlumaFlex® Aluminum Alloy (AA-8176) Conductors.
Cross-linked Polyethylene (XLP) Insulation.
Sunlight Resistant.



APPLICATIONS

Southwire mobile home feeder is intended for the connection of mobile homes to a supply of electricity where permanent wiring is required as specified in the 2011 National Electrical Code. Suitable for direct burial in earth at conductor temperatures not to exceed 90°C. Voltage rating is 600 volts.

SPECIFICATIONS

Southwire's Mobile Home Feeder complies with:

- UL Standard 44
- UL Standard 854
- Federal Specification A-A-59544
- National Electrical Code/NFPA 70, 2011 Edition
- RoHS/REACH

CONSTRUCTION

Southwire mobile home feeder consists of four quadruplexed type RHH or RHW-2 or USE-2 AlumaFlex AA-8000 series aluminum alloy compacted conductors. The cable contains 2 triple extruded phase conductors, a white striped neutral conductor and a green grounding conductor to eliminate the need for field marking per the National Electrical Code. The insulation is sunlight resistant .

AL-Mobile Home Feeder

| Size AWG | Phase Conductor | | Neutral Conductor | | Grounding Conductor | | Overall Cable O.D. (mils) | Weight Per 1000' (lbs) | Ampacity | Standard Package |
|-----------------|-----------------|-----------------|-------------------|-----------------|---------------------|-----------------|---------------------------|------------------------|----------|------------------|
| | Strand | Diameter (mils) | Strand | Diameter (mils) | Strand | Diameter (mils) | | | | |
| 2-2-4-6 | 6 | 388 | 7 | 333 | 6 | 292 | 937 | 301 | 100 | ABC |
| 2-2-2-4 | 6 | 388 | 6 | 333 | 4 | 333 | 937 | 345 | 100 | AB |
| 2/0-2/0-1-4 | 18 | 536 | 18 | 459 | 7 | 333 | 1294 | 553 | 150 | A |
| 2/0-2/0-2/0-1 | 18 | 536 | 18 | 536 | 8 | 462 | 1294 | 671 | 150 | A |
| 4/0-4/0-2/0-4 | 18 | 635 | 18 | 536 | 7 | 333 | 1533 | 784 | 200 | ABC |
| 4/0-4/0-4/0-2/0 | 18 | 635 | 18 | 635 | 18 | 536 | 1533 | 989 | 200 | A |

Insulation thickness is 60 mil for #4- 1/0 AWG. 80 mil for 2/0 AWG and larger.
 For dwelling ampacity use section 310.15(B)(7)
 *For compact-stranded construction, the number of wires, as permitted by UL Standard 44 and ASTM B-801, may be reduced for 19-wire constructions to 18 wires minimum

Package Codes
 A- 500'
 B- 1000'
 C- 2500'

RECOMMENDED SAMPLE SPECIFICATIONS:

Cable shall be UL-listed Type RHH or RHW-2 or USE-2, suitable for direct burial and operation at 600 volts. Conductors shall be AlumaFlex™ aluminum alloy as manufactured by Southwire Company or approved equal. The cable shall contain a triple extruded white striped neutral conductor and a solid green grounding conductor to eliminate the need for field marking per the National Electrical Code.



Southwire
 One Southwire Drive
 Carrollton, Ga. 30119 USA

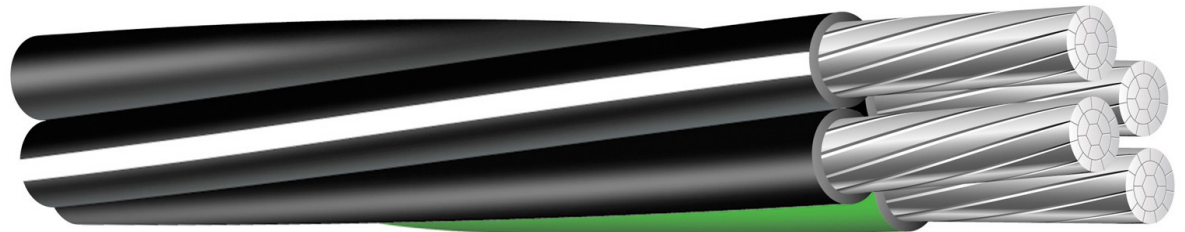
greenSpec™
 RoHS Compliant



Copyright 2012 Southwire Company. All Rights Reserved
 Southwire is a registered trademark of Southwire Company

Mobile Home Feeder

Underground Service Entrance Cable. 600 Volt.
AlumaFlex® Aluminum Alloy (AA-8176) Conductors.
Cross-linked Polyethylene (XLP) Insulation.
Sunlight Resistant.



APPLICATIONS

Southwire mobile home feeder is intended for the connection of mobile homes to a supply of electricity where permanent wiring is required as specified in the 2011 National Electrical Code. Suitable for direct burial in earth at conductor temperatures not to exceed 90°C. Voltage rating is 600 volts.

SPECIFICATIONS

Southwire's Mobile Home Feeder complies with:

- UL Standard 44
- UL Standard 854
- Federal Specification A-A-59544
- National Electrical Code/NFPA 70, 2011 Edition
- RoHS/REACH

CONSTRUCTION

Southwire mobile home feeder consists of four quadruplexed type RHH or RHW-2 or USE-2 AlumaFlex AA-8000 series aluminum alloy compacted conductors. The cable contains 2 triple extruded phase conductors, a white striped neutral conductor and a green grounding conductor to eliminate the need for field marking per the National Electrical Code. The insulation is sunlight resistant .

AL-Mobile Home Feeder

| Size AWG | Phase Conductor | | Neutral Conductor | | Grounding Conductor | | Overall Cable O.D. (mils) | Weight Per 1000' (lbs) | Ampacity | Standard Package |
|-----------------|-----------------|-----------------|-------------------|-----------------|---------------------|-----------------|---------------------------|------------------------|----------|------------------|
| | Strand | Diameter (mils) | Strand | Diameter (mils) | Strand | Diameter (mils) | | | | |
| 2-2-4-6 | 6 | 388 | 7 | 333 | 6 | 292 | 937 | 301 | 100 | ABC |
| 2-2-2-4 | 6 | 388 | 6 | 333 | 4 | 333 | 937 | 345 | 100 | AB |
| 2/0-2/0-1-4 | 18 | 536 | 18 | 459 | 7 | 333 | 1294 | 553 | 150 | A |
| 2/0-2/0-2/0-1 | 18 | 536 | 18 | 536 | 8 | 462 | 1294 | 671 | 150 | A |
| 4/0-4/0-2/0-4 | 18 | 635 | 18 | 536 | 7 | 333 | 1533 | 784 | 200 | ABC |
| 4/0-4/0-4/0-2/0 | 18 | 635 | 18 | 635 | 18 | 536 | 1533 | 989 | 200 | A |

Insulation thickness is 60 mil for #4- 1/0 AWG. 80 mil for 2/0 AWG and larger.
 For dwelling ampacity use section 310.15(B)(7)
 *For compact-stranded construction, the number of wires, as permitted by UL Standard 44 and ASTM B-801, may be reduced for 19-wire constructions to 18 wires minimum

Package Codes
 A- 500'
 B- 1000'
 C- 2500'

RECOMMENDED SAMPLE SPECIFICATIONS:

Cable shall be UL-listed Type RHH or RHW-2 or USE-2, suitable for direct burial and operation at 600 volts. Conductors shall be AlumaFlex™ aluminum alloy as manufactured by Southwire Company or approved equal. The cable shall contain a triple extruded white striped neutral conductor and a solid green grounding conductor to eliminate the need for field marking per the National Electrical Code.



Southwire
 One Southwire Drive
 Carrollton, Ga. 30119 USA

greenSpec™
 RoHS Compliant



Copyright 2012 Southwire Company. All Rights Reserved
 Southwire is a registered trademark of Southwire Company