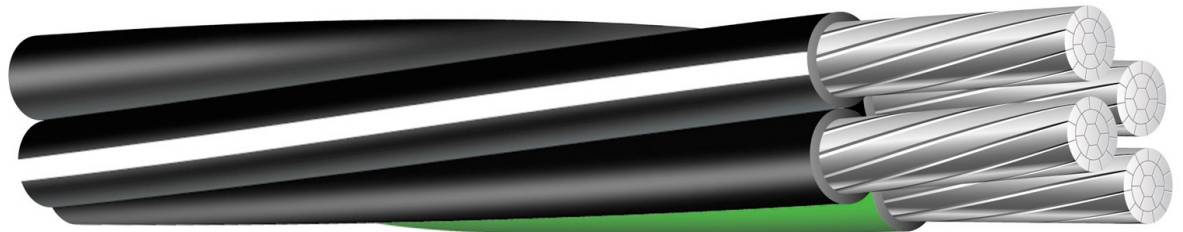


# Mobile Home Feeder

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

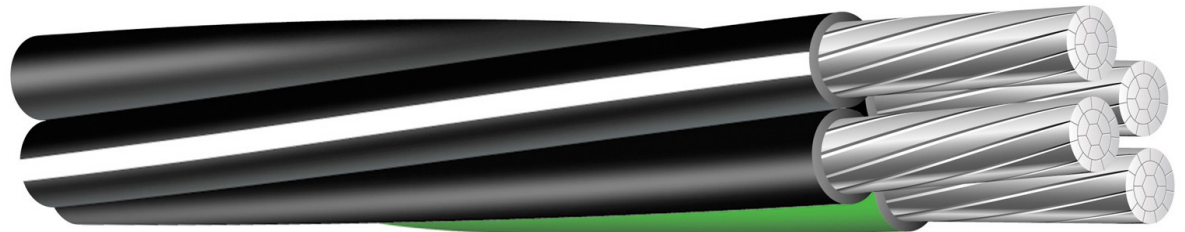
greenSpec™  
 RoHS Compliant



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 Carrollton, Ga. 30119 USA

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