

# 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 2008 National Electrical Code. Suitable for direct burial in earth at conductor temperatures not to exceed 90°C. Voltage rating is 600 volts. Three sizes available (with and without reduced neutral): 100, 150, and 200 ampere ratings.

## SPECIFICATIONS

Individual conductors of Southwire's mobile home feeder assembly meet or exceed UL Standard 44, UL Standard 854, Federal Specification A-A-59544, and requirements of the National Electrical Code.

## 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 a triple extruded white striped neutral conductor and a green grounding conductor to eliminate the need for field marking per the National Electrical Code. Insulation is sunlight resistant .



**Southwire**  
One Southwire Drive  
Carrollton, Ga. 30119 USA

greenSpec™  
RoHS Compliant



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# AL-Mobile Home Feeder

Size (AWG)	Phase Conductor			Neutral Conductor			Grounding Conductor			Complete Cable O.D. (mils)	Weight Per 1000' (lbs.)	Allowable Ampacity	Standard Package (ft.)
	Size & Const.*	Ins. Thick (mils)	Dia. (mils)	Size & Const.*	Ins. Thick (mils)	Dia. (mils)	Size & Const.*	Ins. Thick (mils)	Dia. (mils)				
2-2-4-6	2-7	60	391	4-7	60	336	6-7	60	292	944	305	100	500
2-2-2-4	2-7	60	391	2-7	60	391	4-7	60	336	944	351	100	500
2/0-2/0-1-4	2/0-18	80	539	1-18	80	462	4-7	60	336	1301	561	150	500
2/0-2/0-2/0-1	2/0-18	80	539	2/0-18	80	539	1-18	80	462	1301	679	150	500
4/0-4/0-2/0-4	4/0-18	80	638	2/0-18	80	539	4-7	60	336	1540	793	200	500
4/0-4/0-4/0-2/0	4/0-18	80	638	4/0-18	80	638	2/0-18	80	539	1540	999	200	500

Dwelling - For units, conductors shall be permitted at listed ampacities as 120/240-volt, 3-wire, single-phase services and feeders.

\*For compact-stranded construction, the number of wires, as permitted by UL Standard 44, UL Standard 854, and ASTM B-801, may be reduced as follows:  
19-Wire Constructions - 18 Wires Minimum

## 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.



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