

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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