

Aluminum Mobile Home Feeder Cable



APPLICATION:

Aluminum Mobile Home Feeder cable is designed for use in mobile homes as a service entrance cable. The cable is sunlight resistant and is approved for use in accordance with the National Electric Code in raceways and is suitable for direct burial. The maximum operating temperature is not to exceed 90°C in wet and dry locations. Voltage rating is 600 volts.

CONDUCTORS:

- Compact stranded AA-8000 series aluminum conductor, per ASTM B-800 & B-801

INSULATION:

- Type USE-2/RHH/RHW-2 sunlight resistant cross-linked polyethylene (XLP) insulation

ASSEMBLY:

- Quadruplexed conductors including two phase conductors, one neutral and one ground. The neutral conductor is identified by three continuous white longitudinal stripes. The grounding conductor is identified by total green surface coating

STANDARDS:

- UL 44 for Type RHH or RHW-2
- UL 854 for Type USE-2 Insulated Wire
- National Electrical Code NFPA 70 (NEC)
- ICEA S-95-658/NEMA WC-70

Part Number	Conductor Size	Insulation Thickness			Overall Diameter		Net Weight	Ampacity** @ 90°C
		Phase Conductor	Neutral Conductor	Green Grounding Conductor	Phase Conductor	Cable		
	AWG	inches	inches	inches	inches	inches	lbs/kft	amps
2-04ALUM-MHF-R	2-2-4-6	0.060	0.060	0.060	0.390	0.944	295	100
2-04ALUM-MHF	2-2-2-4	0.060	0.060	0.060	0.390	0.944	343	100
2/0-04ALUM-MHF-R	2/0,2/0,1,4	0.080	0.080	0.060	0.540	1.301	548	150
2/0-04ALUM-MHF	2/0,2/0,2/0,1	0.080	0.080	0.080	0.540	1.301	666	150
4/0-04ALUM-MHF-R	4/0,4/0,2/0,4	0.080	0.080	0.060	0.635	1.540	778	200
4/0-04ALUM-MHF	4/0,4/0,4/0,2/0	0.080	0.080	0.080	0.635	1.540	974	200

All values are nominal and subject to correction.

**For dwelling ampacity, see NEC article 310.15(B)(7)



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