

# ALCAN CABLE STABILOY<sup>®</sup> MOBILE HOME FEEDER



**DESCRIPTION:** Alcan MOBILE HOME FEEDER is designed for mobile homes as service entrance cable. The cable meets the requirements of Underwriters Laboratories Inc., Standard #854 for Type USE-2 and Standard #44 for Types RHH and RHW-2. The cable has a maximum operating temperature of 90°C in dry and wet locations. Rated at 600 volts, the cable is sunlight resistant and is approved for use in accordance with the recommendations of the National Electrical Code<sup>®</sup> in raceways and underground installations. StabiLOY alloy conductor is recognized by ASTM in Standards B800 and B801.

**CONDUCTOR:** STABILOY compact stranded (AA-8030 Series aluminum alloy).

**INSULATION:** Sunlight Resistant Black cross-linked polyethylene (XLPE).

**CONSTRUCTION:** Quadruplexed type USE-2/RHH/RHW-2 STABILOY aluminum alloy conductors. The grounded (neutral) conductor is identified by a continuous white longitudinal stripe. The equipment grounding conductor is identified by total green surface coating.

**MARKING:** Cables will bear the following surface marking: ALCAN (Plant) (Size) COMPACT STABILOY<sup>®</sup> AA-8030 AL XLPE 600V USE-2 OR RHH OR RHW-2 SUN-RES (UL) (Year).

Cable Construction	Ampacity Allowed *	Insulated Phase Conductor		Insulated Grounded (Neutral) Conductor		Insulated Equipment Grounding Conductor		Cable Diameter (inches)	Nominal Weight lbs./1000'	Standard Package	
		Insulation (mils)	Diameter (inches)	Insulation (mils)	Diameter (inches)	Insulation (mils)	Diameter (inches)			Length	Reel
2-2-4-6	100	60	.390	60	.335	60	.290	.944	295	1000'	32x24x12
2-2-2-4	100	60	.390	60	.390	60	.335	.944	343	1000'	32x24x12
2/0-2/0-1-4	150	80	.540	80	.460	60	.335	1.301	548	1000'	32x24x12
2/0-2/0-2/0-1	150	80	.540	80	.540	80	.460	1.301	664	1000'	42x28x18
4/0-4/0-2/0-4	200	80	.635	80	.540	60	.335	1.540	778	1000'	48x28x24
4/0-4/0-4/0-2/0	200	80	.635	80	.635	80	.540	1.540	1018	500'	36x24x17

\* Ampacities based on compliance with 2002 National Electrical Code, Section 310.15(B)(6) 120/240-Volt, 3-Wire, Single-Phase Dwelling Services and Feeders and Table 310.15(B)(6).

**NOTES:**

1. Data are approximate and subject to normal manufacturing tolerances.
2. Standard lengths are subject to normal manufacturing tolerances of ± 10%.