



“Taking Care of Business”

toll free: 800-929-9473

ALUMINUM MOBILE HOME FEEDER CABLE TYPE RHH / RHW-2 / USE-2 CONDUCTORS , 600VOLTS , 90DEG C

CONSTRUCTION:

CONDUCTOR COMPACT STRANDED 8000 SERIES ALUMINUM ALLOY.

INSULATION SUNLIGHT RESISTANT CROSSLINKED POLYETHYLENE (XLP) TYPE RHH/RHW-2/USE-2. INSULATION THICKNESS FOR SIZES 6AWG THROUGH 2AWG IS 60MILS; 1AWG THROUGH 4/0 IS 80MILS.

PHASE CONDUCTORS 2 CONDUCTORS, PHASE CODED WITH SUITABLE MEANS.

NEUTRAL CONDUCTOR 1 CONDUCTOR, BLACK WITH WHITE STRIPING.

GROUND CONDUCTOR 1 CONDUCTOR, SOLID GREEN IN COLOR.

ASSEMBLY TWO INSULATED PHASE CONDUCTORS, 1 INSULATED NEUTRAL CONDUCTOR, AND 1 INSULATED GROUND CONDUCTOR TWISTED TOGETHER WITH NO OVERALL JACKET.

Charlotte Wire Part#	Cable Construction	Phase Conductors		Neutral Conductor		Ground Conductor		Ampacity*	Overall Diameter (in.)	Approx. Net Wt. (Lbs/Mft)
		Size AWG	Diameter (in.)	Size AWG	Diameter (in.)	Size AWG	Diameter (in.)			
CW01548	2-2-4-6	2 - #2's	.39"	#4	.34"	#6	.29"	100	.95"	300
CW01549	2-2-2-4	2 - #2's	.39"	#2	.39"	#4	.34"	100	.95"	344
CW01550	2/0-2/0-1-4	2 - 2/0's	.55"	#1	.47"	#4	.34"	150	1.30"	550
CW01551	2/0-2/0-2/0-1	2 - 2/0's	.55"	2/0	.55"	#1	.47"	150	1.30"	670
CW01552	4/0-4/0-2/0-4	2 - 4/0's	.64"	2/0	.55"	#4	.34"	200	1.54"	782
CW01553	4/0-4/0-4/0-2/0	2 - 4/0's	.64"	4/0	.64"	2/0	.55"	200	1.54"	1010

*Ampacity based on 90 Degrees C per NEC 310.15(B)(7).

APPLICATION: For use as a service cable to feed mobile homes in permanent locations and mobile home parks. Cable may be directly buried and is sunlight resistant. Also rated 90Degrees C wet or dry.

STANDARDS:

ASTM B-800: Concentric-Lay-Stranded 8000 Series Conductors.

ASTM B-231: 8000 Aluminum Alloy for Electrical Purposes.

UL 44: Type RHH and RHW-2.

UL 854: Type USE-2.

NEC Art. 550: Mobile Homes, Manufactured Homes, and Mobile Home Parks.