

**COPPER RHH / RHW-2 / USE-2 LOW SMOKE
LOW SMOKE INSULATION , LOW SMOKE ZERO HALOGEN JACKET
SINGLE COPPER CONDUCTOR, 90DEG C WET OR DRY**

CONSTRUCTION:

CONDUCTOR CLASS B STRANDED ANNEALED TINNED COPPER.

INSULATION LOW SMOKE ZERO HALOGEN (LSZH) POLYOLEFIN.

JACKET FLAME RETARDANT, SUNLIGHT RESISTANT BLACK LOW SMOKE ZERO HALOZEN (LSZH) POLYOLEFIN.

Charlotte Wire Part#	Size AWG	Number of Strands	Insulation Thickness (in.)	Jacket Thickness (in.)	Rating in Amps*	Overall Diameter (in.)	Approx. Net Wt. (Lbs/Mft)
CW11131	14	7	.030"	.015"	25**	.18"	25
CW11132	12	7	.030"	.015"	30**	.20"	34
CW11133	10	7	.030"	.015"	40**	.22"	49
CW11134	8	7	.045"	.015"	55	.29"	78
CW11135	6	7	.045"	.030"	75	.35"	122
CW11136	4	7	.045"	.030"	95	.39"	180
CW11138	2	7	.045"	.030"	130	.46"	265
CW11139	1	19	.055"	.045"	145	.54"	355
CW11140	1/0	19	.055"	.045"	170	.59"	425
CW11141	2/0	19	.055"	.045"	195	.64"	520
CW11142	3/0	19	.055"	.045"	225	.67"	650
CW11143	4/0	19	.055"	.045"	260	.75"	788
CW11144	250MCM	37	.065"	.065"	290	.86"	960
CW11146	350MCM	37	.065"	.065"	350	.97"	1300
CW11148	500MCM	37	.065"	.065"	430	1.10"	1805
CW11150	750MCM	61	.080"	.065"	535	1.32"	2670
CW11151	1000MCM	61	.080"	.065"	615	1.47"	3990

*Ampacity in accordance with NEC for not more than 3 conductors at 90Deg Conductor Temperature, and 30Deg C ambient temperature in wet or dry locations per NEC Table 310.15(B)(16).

**Overcurrent protection shall not exceed 15Amps for 14AWG, 20Amps for 12AWG, and 30Amps for 10AWG.

APPLICATION:

Power and lighting circuits rated 600Volts in power plants and industrial locations where tighter smoke and toxicity emission levels are needed. May be used as sunlight resistant, cable tray use (1/0AWG and larger), and wet or dry locations.

STANDARDS:

UL 44: Type RHH 90Deg C Dry.
 UL 44: Type RHW-2 90Deg C Wet.
 UL 854: Type USE-2 90Deg C Direct Burial.
 Passes UL and IEEE383 70,000BTU Flame Test: (1/0 and larger).
 Passes UL 44 VW1 flame test.
 NEC Article 392: CT Use and Sunlight Resistant(1/0 and larger).
 UL 44 for Limited Smoke: ST-1 (1/0 and larger).
 C(UL) Type RW90 1000V rated.
 ICEA S-95-658/NEMA WC70 for Nonshielded 0-2KV Cables.