



“Taking Care of Business”

toll free: 800-929-9473

LOW SMOKE ZERO HALOGEN POWER CABLE TYPE RHH/ST1 600VOLTS SINGLE FLEXIBLE TINNED COPPER CONDUCTOR

CONSTRUCTION:

CONDUCTOR FLEXIBLE STRANDED SOFT DRAWN TINNED COPPER.

INSULATION LOW SMOKE ZERO HALOGEN THERMOSETTING COMPOUND.

Charlotte Wire Part#	Size AWG	Number of Strands	Insulation Thickness (in.)	Ampacity 90C Dry *	Approx. O.D. (in.)	Approx. Net Wt. (Lbs/Mft)
CW01821	14	41	.045"	15**	.16"	26
CW01822	12	65	.045"	20**	.18"	35
CW01823	10	65	.045"	30**	.20"	51
CW01824	8	41	.060"	55	.28"	85
CW01825	6	63	.060"	75	.33"	121
CW01826	4	105	.060"	95	.39"	195
CW01828	2	161	.060"	130	.45"	280
CW01830	1/0	266	.080"	170	.58"	460
CW01831	2/0	342	.080"	195	.63"	572
CW01833	4/0	532	.080"	260	.75"	850
CW01835	350MCM	888	.095"	350	.96"	1340
CW01836	500MCM	1221	.095"	430	1.10"	1850
CW01837	750MCM	1850	.110"	535	1.33"	2760

*Ampacities are based on single conductor installed in free air, 90C conductor temperature and 30C ambient temperature per NEC Table 310.15(B)(17).

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

APPLICATION:

Suited for use in a variety of commercial and industrial applications where excellent performance and reliability is needed. May also be used as central office power cable.

STANDARDS:

UL 44: Type RHH/ST1: 90Deg C Dry.

UL 1685: LS Limited Smoke.

UL AWM Style 3578: 105C Dry.

NEC Article 392 for Cable Tray Use (1/0 and larger).