

**RHH or RHW-2 or USE-2
FR-CROSS-LINKED POLYETHYLENE INSULATION, 600 VOLT**

SPEC 1-60-1

Ver. 7.2
Revised: 03/02/11



90°C CONDUCTOR TEMPERATURE, WET OR DRY						
Conductor			Insulation in Mils	Approximate O.D. in Inches	Ampacity* 90°C	Approximate Net Weight LBS/KFT
Size AWG or KCMIL	No. of Strands*	Nominal O.D.				
SINGLE CONDUCTOR 600 VOLT						
8	7	0.14	60	0.27	55	70
6	7	0.18	60	0.31	75	105
4	7	0.23	60	0.36	95	155
3	7	0.25	60	0.38	110	190
2	7	0.28	60	0.42	130	235
1	19	0.32	80	0.50	150	310
1/0	19	0.36	80	0.54	170	380
2/0	19	0.41	80	0.58	195	470
3/0	19	0.46	80	0.63	225	585
4/0	19	0.51	80	0.69	260	725
250	37	0.56	95	0.77	290	865
300	37	0.61	95	0.82	320	1030
350	37	0.66	95	0.88	350	1190
400	37	0.71	95	0.92	380	1350
500	37	0.79	95	1.01	430	1670
600	61	0.87	110	1.11	475	2015
750	61	0.97	110	1.21	535	2495
1000	61	1.12	110	1.35	615	3290

Note: *Based on not more than three conductors in raceway, direct burial, 90°C conductor temperature and 30°C ambient.
*19 stranding is combination unilay per ASTM 787.

The above data is approximate and subject to normal manufacturing tolerances.

SAMPLE LEGEND (BLACK ONLY):

2 AWG (33.6mm²) TYPE RHW-2 OR USE-2 600V SUN-RES (UL) E63678

1/0 AWG (53.5mm²) TYPE RHW-2 OR USE-2 600V SUN-RES FOR CT USE (UL) E63678

LISTINGS AND RATINGS:

1. Listed by UL as Type RHH or RHW-2 per Standard UL 44.
2. Listed by UL as Type USE-2 per Standard UL 854.
3. Sizes 1/0AWG and larger are listed by UL For CT Use per Standard UL 1685.
4. Listed by UL as Sunlight Resistant (black color only).
5. Conforms to ICEA S-95-658/NEMA WC70 Nonshielded 0-2KV Cables.
6. Conforms to Federal Specification J-C-30B.

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