

**RHH or RHW-2 or USE-2
FR-CROSS-LINKED POLYETHYLENE INSULATION, 600 VOLT
PVC or CPE JACKET OVERALL**

SPEC 1-60-1.1

Ver. 7.2
Revised: 01/19/11



90°C CONDUCTOR TEMPERATURE, WET OR DRY							
Conductor			Insulation in Mils	Overall Jacket 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	30	0.36	55	90
6	7	0.18	60	30	0.40	75	125
4	7	0.23	60	30	0.45	95	180
3	7	0.25	60	30	0.47	110	215
2	7	0.28	60	30	0.51	130	260
1	19	0.32	80	45	0.62	150	355
1/0	19	0.36	80	45	0.66	170	430
2/0	19	0.41	80	45	0.70	195	525
3/0	19	0.46	80	45	0.75	225	640
4/0	19	0.51	80	45	0.81	260	785
250	37	0.56	95	65	0.93	290	970
300	37	0.61	95	65	0.98	320	1135
350	37	0.66	95	65	1.03	350	1300
400	37	0.71	95	65	1.08	380	1470
500	37	0.79	95	65	1.16	430	1800
600	61	0.87	110	65	1.27	475	2155
750	61	0.97	110	65	1.37	535	2650
1000	61	1.12	110	65	1.52	615	3460

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

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

SAMPLE LEGEND:

AETNA INSUL WIRE 2 AWG XLP TYPE RHW-2 OR USE-2/PVC (OR CPE) 600V SUN-RES (UL)
AETNA INSUL WIRE 1/0 AWG XLP TYPE RHW-2 OR USE-2/PVC (OR CPE) 600V SUN-RES FOR CT USE (UL)

LISTINGS AND RATINGS:

1. Conductors listed by UL as Type RHW-2 per Standard UL 44.
2. Conductor listed by UL as Type USE-2 per Standard UL 854.
3. Sizes 1/0 AWG and larger are listed by UL for CT Use per Standard UL 1685.
4. Sizes 1/0AWG and larger are listed by UL for IEEE 383 & 1202 (FT4) Vertical Tray Flame Test.
5. Listed by UL as Sunlight Resistant.
6. Conforms to ICEA S-95-658/NEMA WC70 Nonshielded 0-2KV Cables.

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