

# RHH/RHW/USE-2 Wire

Cooper • XLP



## 01 | APPLICATION:

RHH or RHW-2 or USE-2 conductors are used with conduit as specified in the 2011 National Electrical Code. When used as Type USE-2, conductor is suitable for use as underground service entrance cable for direct burial at conductor temperatures not to exceed 90° C. When used as RHH, conductor temperatures shall not exceed 90°C in dry locations. When used as RHW-2 or USE-2, conductor temperatures shall not exceed 90°C in wet or dry locations. Voltage rating for RHH or RHW-2 or USE-2 conductors is 600 volts.

## 02 | CONSTRUCTION:

**Conductor:** annealed (soft) copper  
**Insulation:** black crosslinked polyethylene (XLP)  
**Colour:** ●Black

## 03 | CHARACTERISTICS:

**Rated voltage:** 0.6/1KV  
**Temperature Rating:** +90°C

## 04 | STANDARDS:

RoHS/REACH Compliant:



## RHH/RHW/USE-2 WIRE

Wire gauge	Number of shares	Nominal insulation thickness INCH/MM		Nominal sheath thickness INCH/MM		Nominal cable outer diameter INCH/MM		Nominal cable weight LBS/KFT KG/KM	
14	7	0.030	0.76	0.015	0.38	0.175	4.45	25	37
12	7	0.030	0.76	0.015	0.38	0.190	4.83	33	49
10	7	0.030	0.76	0.015	0.38	0.215	5.46	47	70
8	7	0.045	1.14	0.015	0.38	0.275	6.99	75	112
6	7	0.045	1.14	0.030	0.76	0.345	8.76	120	179
4	7	0.045	1.14	0.030	0.76	0.395	10.03	176	262
2	7	0.045	1.14	0.030	0.76	0.455	11.56	262	390
1/0	19	0.055	1.40	0.045	1.14	0.585	14.86	420	625
2/0	19	0.055	1.40	0.045	1.14	0.630	16.00	517	769
3/0	19	0.055	1.40	0.045	1.14	0.680	17.27	650	967
4/0	19	0.055	1.40	0.045	1.14	0.740	18.80	779	1159
250	37	0.065	1.65	0.065	1.65	0.845	21.46	952	1416
300	37	0.065	1.65	0.065	1.65	0.900	22.86	1290	1919
350	37	0.065	1.65	0.065	1.65	0.950	24.13	1280	1904
500	37	0.065	1.65	0.065	1.65	1.080	27.43	1770	2633
750	61	0.080	2.03	0.065	1.65	1.290	32.77	2630	3913
1000	61	0.080	2.03	0.065	1.65	1.445	36.70	3440	5118

Data are approximate and subject to normal manufacturing tolerances. 90°C-RHH dry locations, RHW-2 wet or dry locations.