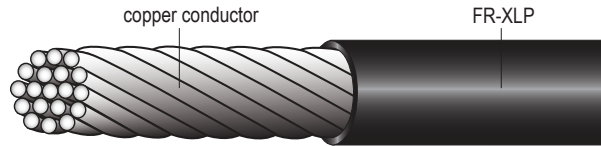


## SPECIFICATION HW002

### BUILDING WIRE

**600 Volt UL 90°C  
XHHW-2  
FR-XLP Insulation  
Copper Conductor**



Catalog Number	Size AWG/kcmil	Number of Strands	Insulation Thickness Mils	Overall Diameter Inches	Net Weight Lbs/Mft
HW002 01401	14	7	30	0.14	18
HW002 01201	12	7	30	0.16	27
HW002 01001	10	7	30	0.18	40
HW002 00801	8	7	45	0.24	66
HW002 00601	6	7	45	0.28	97
HW002 00401	4	7	45	0.32	145
HW002 00301	3	7	45	0.35	185
HW002 00201	2	7	45	0.38	225
HW002 00101	1	19	55	0.44	290
HW002 10101	1/0	19	55	0.48	360
HW002 20101	2/0	19	55	0.52	450
HW002 30101	3/0	19	55	0.58	565
HW002 40101	4/0	19	55	0.63	705
HW002 25001	250	37	65	0.70	835
HW002 35001	350	37	65	0.80	1155
HW002 40001	400	37	65	0.84	1310
HW002 50001	500	37	65	0.93	1630
HW002 60001	600	61	65	1.04	1965
HW002 75001	750	61	80	1.14	2445
HW002 10001	1000	61	80	1.29	3230

#### APPLICATION:

For use in harsh environments for general wiring applications for lighting and power in conduits, ducts, cable tray when CT rated, or other approved raceways with maximum conductor temperature of 90°C in wet or dry locations. Chemical, gasoline and oil resistant.

#### CONDUCTOR:

Soft bare annealed copper per ASTM B-3, Class B stranding per ASTM B-8

#### INSULATION:

Flame-retardant cross-linked polyethylene (FR-XLP) per ICEA S-95-658 and UL Standard 44 for Type XHHW-2, VW-1 conductors

#### FLAME TEST:

- UL 1685 – for CT listed sizes 1/0 AWG and larger
- UL VW-1 available upon request

#### ADDITIONAL STANDARDS:

- NEMA WC-70
- Federal Spec J-C-30B

#### NOTE:

- CT rated on sizes 1/0 AWG and larger