

Single Conductor

XHHW-2 XLPE VW-1 600V

PRODUCT CONSTRUCTION

Conductor: Single copper conductor, stranded

Insulation: Resistant to moisture, heat and flame.

Jacket: Chemically cross-linked polyethylene. Temperature rating 90°C in wet and dry locations. II sizes pass the vertical flame test (VW-1). Colors available.

APPLICATIONS

Suitable for general purpose wiring, power distribution and branch circuit wiring where a cable with superior flame retardance is required. Also suitable for use in low leakage circuits requiring a dielectric constant of 3.5 or less (hospital grade).e).



COMPLIANCES

ASTM B3, ASTM B8 (concentric lay stranded), ASTM B787

UL 44, ICEA S-95-658/NEMA WC70

Federal spec A-A-59544, 90°C wet/dry

CT use 1/0 and larger

IEEE 1202/FT4

Gasoline and oil resistant II C(UL)US

RW90:CSA/UL listed Sunlight

resistant (#14-#8: black only)

-40°C rated, suitable for use in 105°C dry system

RoHS compliant

COPPER WIRE AND CABLE PART #	SIZE (AWG OR MCM)	STRAND (NO.)	INSULATION THICKNESS (MILS)	NOMINAL DIAMETER (INCHES)	APPROX. NET WT. (LBS./1000 FT.)	AMPACITY 90°C WET/DRY
CWC 14-01XLPEVW1	14	7	30	.133	18	35'
CWC 12-01XLPEVW1	12	7	30	.152	27	40'
CWC 10-01XLPEVW1	10	7	30	.176	40	55'
CWC 8-01XLPEVW1	8	7	45	.236	66	80
CWC 6-01XLPEVW1	6	7	45	.274	99	105
CWC 4-01XLPEVW1	4	7	45	.322	152	140
CWC 3-01XLPEVW1	3	7	45	.350	187	165
CWC 2-01XLPEVW1	2	7	45	.382	233	190
CWC 1-01XLPEVW1	1	19	55	.431	293	220
CWC 1/0-01XLPEVW1	1/0	19	55	.470	364	260
CWC 2/0-01XLPEVW1	2/0	19	55	.514	457	300
CWC 3/0-01XLPEVW1	3/0	19	55	.564	570	350
CWC 4/0-01XLPEVW1	4/0	19	55	.620	710	405
CWC 250-01XLPEVW1	250	37	65	.705	848	455
CWC 300-01XLPEVW1	300	37	65	.759	1007	500
CWC 350-01XLPEVW1	350	37	65	.811	1170	570
CWC 400-01XLPEVW1	400	37	65	.858	1327	615
CWC 500-01XLPEVW1	500	37	65	.943	1648	700
CWC 600-01XLPEVW1	600	61	80	1.053	1991	780
CWC 750-01XLPEVW1	750	61	80	1.158	2469	885