

## Type XHHW-2 XLPE Insulated Wire

Single conductor / 14 AWG to 500 KCMIL / 600V



### Applications

Draka's Type XHHW-2 cable is suitable for various commercial and industrial applications. These cables may be installed in wet or dry locations, indoors or outdoors, in raceways, underground ducts (ask about our preinstalled cable-in-conduit products), aerial or direct buried.

Draka's Type XHHW-2 cable is NEC-compliant for continuous operations at 90° C in wet and dry locations, 130° C for emergency overload conditions and 250° C for short circuit conditions.

### Specifications and Ratings

- UL Type XHHW-2
- The insulation is suitable for use in wet or dry locations at a temperature not exceeding 90° C
- -40° C rated
- RoHS compliant

### Optional constructions include:

- CT USE (#1/0 AWG and larger)
- Sunlight resistant
- Oil & gas resistant II

### Design Parameters

**CONDUCTORS:** Class B, soft drawn, bare copper per ASTM B3 and ASTM B8. Both tinned copper conductors and extra-flexible conductors are available as options.

**INSULATION:** Heat and moisture resistant cross-linked polyethylene (XLPE) meeting the requirements of ICEA S-95-658 (NEMA WC 40), UL 44 for Type XHHW-2 and wires. The insulation is suitable for use in wet or dry locations at a conductor temperature not exceeding 90° C for normal operation.

**ASSEMBLY:** Single conductor cables can be paralleled or multiplexed for more efficient installations. Single conductor cables can also be pre-installed in conduit.



### Prysmian Group

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Conductor Size AWG (mm <sup>2</sup> )	Strand Class	Strands	Nominal Insulation Thickness in (mm)	Insulation Thickness in (mm)	Nominal Cable O.D. in (mm)	Approximate Cable Weight Lbs/Mft (Kg/Km)
14 AWG (2.08)	Class B	7	.030 (0.72)	0.140 (3.6)	18 (27)	92 (137)
12 AWG (3.31)	Class B	7	.030 (0.72)	0.160 (4.1)	26 (39)	92 (137)
10 AWG (5.26)	Class B	7	.030 (0.72)	0.180 (4.6)	40 (60)	92 (137)
8 AWG (8.37)	Class B	7	.045 (1.1)	0.250 (6.3)	66 (98)	92 (137)
6 AWG (13.3)	Class B	7	.045 (1.1)	0.280 (7.1)	99 (147)	92 (137)
4 AWG (21.2)	Class B	7	.045 (1.1)	0.330 (8.4)	152 (226)	92 (137)
2 AWG (33.6)	Class B	7	.045 (1.1)	0.390 (9.9)	234 (348)	234 (348)
1/0 AWG (53.5)	Class B	19	.055 (1.4)	0.490 (12.4)	368 (548)	92 (137)
2/0 AWG (67.4)	Class B	19	.055 (1.4)	0.530 (13.5)	472 (702)	92 (137)
4/0 AWG (107)	Class B	19	.055 (1.4)	0.640 (16.3)	716 (1065)	129 (192)
250 KCMIL (127)	Class B	37	.065 (1.7)	0.710 (18.0)	850 (1265)	129 (192)
350 KCMIL (177)	Class B	37	.065 (1.7)	0.820 (20.8)	1176 (1750)	129 (192)
500 KCMIL (253)	Class B	37	.065 (1.7)	0.950 (24.4)	1659 (2469)	129 (192)

These cables are made in the USA, meeting ISO 9001 Quality Standard & 14001 Environmental Standard.

The data herein is approximate and subject to normal manufacturing tolerances. These specifications are subject to change without notice.

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