

# XHHW-2-XLP Building Wire

600 Volt | 90°C Wet - Dry | UL listed | NEC Article 310

Kupferlitze unverzinkt



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**Applications** | General purpose wiring for lighting and power - residential, commercial, industrial buildings in accordance with NEC, maximum conductor temperature of 90°C in wet or dry locations, 600 volts, for installation in conduit or other recognized raceways | Suitable for use in low leakage circuits requiring a dielectric constant of 3,5 or less, such as isolated circuits supplying anesthetizing locations per Article 517-160 of the NEC | Suitable for use as low leakage inductive (loop) vehicle detector wire in accordance with state and municipal requirements.

**Industry Approvals** | Listed by UL as Type XHHW-2 per UL standard 44 for Rubber Insulated Wires an Cables | Conform to ICEA Pub. No. S-66-524, utilizing column B thicknesses | Conforms to Federal Specifications J-C-30B.

**Jacket** XLP thermosetting chemically crosslinked polyethylene insulation, surface printed.

**Conductor** Annealed **uncoated** copper conductor.

**Features** Dielectric constant less than 3,5 | Excellent cut-through strength and abrasion resistance.

## Industry Standards

**UL Standard 44 | NEC Article 310 (NFPA 70)**  
**ICEA S-66-524 - NEMA WC-7**



STRANDED							
Size		Nominal Insulation Thickness INCHES	Nominal O.D. INCHES	Current (Amps *)		Nominal Weight LBS   MFT	Ident-Nr.
AWG	STRAND			75°C	90°C		
14	7	0,030	0,140	20 †	25 †	19,0	XHHW 15153
12	7	0,030	0,160	25 †	30 †	28,0	XHHW 15154
10	7	0,030	0,180	35 †	40 †	41,0	XHHW 15155
8	7	0,045	0,240	50	55	67,0	XHHW 15156
6	7	0,045	0,280	65	75	105,0	XHHW 15157
4	7	0,045	0,320	85	95	160,0	XHHW 15158
2	7	0,045	0,380	115	130	245,0	XHHW 15159
1	19	0,055	0,440	130	150	310,0	XHHW 15160
1/0	19	0,055	0,480	150	170	380,0	XHHW 15161
2/0	19	0,055	0,520	175	195	470,0	XHHW 15162
3/0	19	0,055	0,580	200	225	590,0	XHHW 15163
4/0	19	0,055	0,630	230	260	730,0	XHHW 15164

\* Ampacity in accordance with NEC for not more than three conductors in raceway at the conductor temperature indicated, in wet or dry locations, 30°C ambient temperature | † The over current protection shall not exceed 15 amperes for 14 AWG, 20 amperes for 12 AWG and 30 amperes for 10 AWG copper.

Datenblatt 2203 XHHW unverzinkt | Stand 06-2011, Technische Änderungen vorbehalten.