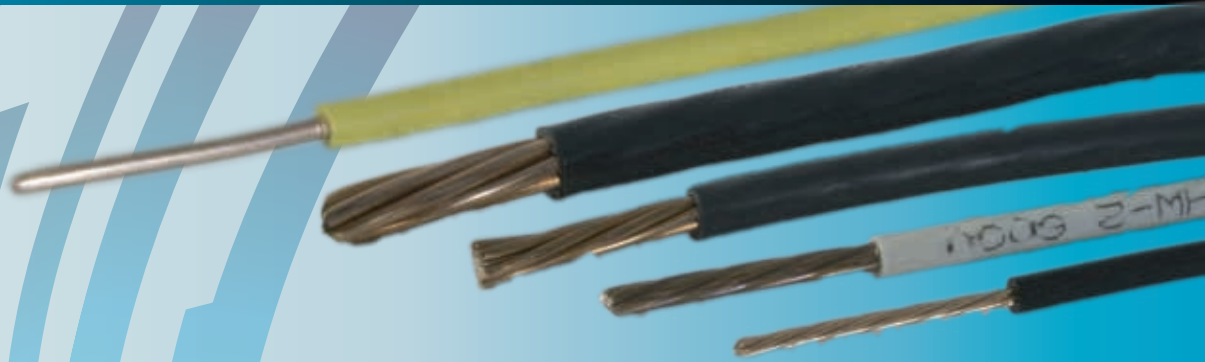


## XHHW / XHHW-2



### APPLICATION :

For lighting and power applications in accordance with the National Electrical Code and for other general propose wiring applications. Suitable for use in circuits not exceeding 600 volts at conductor temperatures not exceeding 90°C in wet or dry locations. May be installed in raceway, duct, direct burial and aerial installations. Its insulation is flame retardant, and provides mechanical resistance against humidity, chemical agents and oils, its black pigmentation is rated sunlight - resistant, therefore it can be use in outside applications.

### STANDARDS :

1. Listed by Underwriters Laboratories as Type XHHW-2 (90°C wet or dry) per Standard 854
2. Listed by Underwriters Laboratories as Type XHHW-2 (90°C wet or dry) or XHH (90°C dry) per Standard 44.
3. Conforms to ICEA Pub. No.S-66-524, utilizing Column A insulation thickness.
4. Conforms to Federal Specifications J-C-30B
5. Sizes 14-4 AWG stranded copper approved under FAA Advisory Circular 150/5345-7D per spec L-824 Airport Lighting Cable, type C

**Construction:** Annealed copper conductor, XLP thermosetting chemically crosslinked polyethylene insulation, surface printed.

\* AMPACITY in accordance with NEC for not more than three conductors. As XHHW-2 in Raceway, 90°C conductor temperature and 30°C ambient in wet or dry locations. As XHHW-2: in raceway, 90°C Conductor temperature and 30°C ambient in dry locations. As XHHW -2: direct burial, 90°C conductor Temperature and 30°C ambient in wet locations.

\*\* AMPACITY in accordance with NEC for not more than three conductors. As XHHW-2: in raceway, 75°C conductor temperature and 30°C ambient in wet or dry locations. As USE: direct burial,

# XHHW / XHHW-2

Size AWG or kcmil	No. of Strands	Insulation Thickness Mils	Nom. Diam Inches	Copper			
				Ampacity		Aprox. Wt. Lb/1000 Ft.	
				90°C * XHHW-2	75°C ** XHHW	Net	Shipping
<b>SOLID</b>							
14	solid	30	.124	15	15	19	21
12	solid	30	.141	30	25	30	33
10	solid	30	.162	40	35	43	46
8	solid	45	.218	55	50	68	73
<b>STRANDED</b>							
14	7	30	.133	15	15	20	23
12	7	30	.152	30	25	32	33
10	7	30	.176	40	35	45	49
8	7	45	.236	55	50	72	79
6	7	45	.274	75	65	105	115
4	7	45	.316	95	85	155	175