



## Description

Single copper or aluminum Series 8000 conductor with 600 Volt, XLPE insulation.

## Specifications

**UL** UL 44

**FED** Federal Specification JC-30B

**ICEA** ICEA S-95-658

## Ratings

XHHW-2

Sunlight Resistant

For 90°C Wet or Dry Operation.



## Design Parameters

### Conductor

- Single conductor, Class B concentric compressed stranded annealed copper or Class B concentric compact aluminum Series 8000 per ASTM.

### Insulation

- High quality, tough, heat resistant, and moisture resistant, thermosetting cross-linked polyethylene insulation.

## Options

- VW-1
- Compact Copper Conductor
- Compressed Aluminum Conductor
- CT Rated (1/0 AWG and Larger)

## Installations

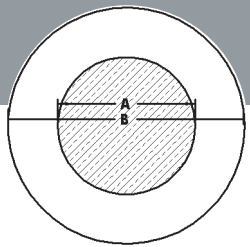
 Conduit in Air

 Isolated in Air

 Wet Locations

 Dry Locations

 Industrial



# TYPE XHHW-2

600 Volt

Product Number	Conductor	Insulation Thickness (mils)	Conductor Diameter (in.)		Overall Diameter (in.)	Cable Weight (lbs./kft)	† Ampacity (Amps)	
			(A)	(B)			Raceway	In Free air
<b>600 Volt Copper</b>								
▲ Q00810A	8 AWG CU	45	0.143	0.24	64	55	80	
▲ Q01810A	6 AWG CU	45	0.180	0.27	96	75	105	
▲ Q02810A	4 AWG CU	45	0.226	0.32	147	95	140	
▲ QY034A	3 AWG CU	45	0.253	0.35	183	110	165	
▲ Q03810A	2 AWG CU	45	0.284	0.38	228	130	190	
▲ Q06810A	1 AWG CU	55	0.324	0.44	289	150	220	
▲ Q08810A	1/0 AWG CU	55	0.364	0.48	361	170	260	
▲ Q09810A	2/0 AWG CU	55	0.408	0.53	449	195	300	
▲ Q0A810A	3/0 AWG CU	55	0.458	0.58	560	225	350	
▲ Q0B810A	4/0 AWG CU	55	0.515	0.63	700	260	405	
▲ Q0C810A	250 MCM CU	65	0.561	0.70	829	290	455	
▲ QY035A	300 MCM CU	65	0.614	0.75	988	320	405	
▲ Q0D810A	350 MCM CU	65	0.664	0.80	1147	350	570	
▲ QY036A	400 MCM CU	65	0.710	0.85	1312	380	615	
▲ Q0E810A	500 MCM CU	65	0.794	0.94	1620	430	700	
▲ QY037A	600 MCM CU	80	0.870	1.04	1958	475	780	
▲ Q0F810A	750 MCM CU	80	0.974	1.15	2444	535	885	
Q0G810A	1000 MCM CU	80	1.124	1.29	3273	615	1055	

Information Subject to Change without Notice.

**PRODUCT NOTES:**

▲ Items are Prysmian authorized stock.  
The above dimensions are approximate and subject to normal manufacturing tolerances.

†Ampacities are based on the following:

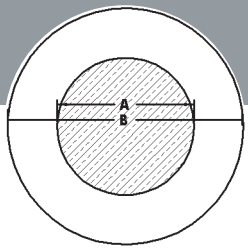
In Raceway (NEC Table 310-16): Not more than three current-carrying conductors, 90°C conductor temperature, and 30°C ambient temperature.

In Free Air (NEC Table 310-17): Single-insulated conductor, 90°C conductor temperature, and 30°C ambient temperature.



1-800-845-8507 (US)  
1-800-263-4405 (West-CAN)  
1-800-361-1418 (East-CAN)

www.prysmianusa.com  
www.prysmiancanada.com



# TYPE XHHW-2

600 Volt

Product Number	Conductor	Insulation Thickness (mils)	Conductor Diameter (in.)		Overall Diameter (in.)	Cable Weight (lbs./kft)		† Ampacity (Amps)	
			(A)	(B)		Raceway	In Free Air		
<b>600 Volt Series 8000 Aluminum</b>									
▲ QOJ818A	6 AWG AL	45	0.171	0.27	39	60	80		
▲ QOK818A	4 AWG AL	45	0.215	0.32	59	75	110		
▲ QOM818A	2 AWG AL	45	0.266	0.37	86	100	150		
▲ QOO818A	1 AWG AL	55	0.299	0.42	112	115	175		
▲ QOQ818A	1/0 AWG AL	55	0.336	0.46	135	135	205		
▲ QOR818A	2/0 AWG AL	55	0.379	0.50	164	150	235		
▲ QOS818A	3/0 AWG AL	55	0.423	0.55	203	175	275		
▲ QOT818A	4/0 AWG AL	55	0.479	0.60	246	205	315		
▲ QOU818A	250 MCM AL	65	0.520	0.66	298	230	355		
▲ QYZ030A	300 MCM AL	65	0.570	0.71	345	255	395		
▲ QOV818A	350 MCM AL	65	0.622	0.76	398	280	445		
▲ QYZ031A	400 MCM AL	65	0.659	0.80	449	305	480		
▲ QOW818A	500 MCM AL	65	0.742	0.88	552	350	545		
▲ QYZ032A	600 MCM AL	80	0.813	0.99	681	385	615		
▲ QYZ033A	700 MCM AL	80	0.877	1.05	783	420	675		
▲ QOX818A	750 MCM AL	80	0.917	1.09	824	435	700		
307419A	900 MCM AL	80	1.009	1.18	960	480	785		
QOY818A	1000 MCM AL	80	1.071	1.24	1074	500	845		

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