

# XHHW-2/RW90

## ALUMINUM

### DESCRIPTION:

Type XHHW-2 conductors are primarily used in conduit or other recognized raceways for services and feeders as specified in the National Electrical Code (NEC). XHHW-2 conductors may be used in wet or dry locations. XHHW-2 conductors are rated for 600 and 1,000 volt applications. Per c(UL) specifications, RW90 conductors are rated for 600 volt applications. They are made with 8000 series aluminum alloy and cross-linked polyethylene insulation is applied. All sizes are made with a friction-reducing compound to aid in the installation process.

### STANDARDS AND SPECIFICATIONS:

- c(UL) RW90 600V
- XHHW-2 600V/1000V
- Wet/Dry Locations (90°C)
- Underwriter's Laboratories UL 44
- Sunlight Resistant
- Cable Tray Use 1/0 & Larger
- NEMA Publication No. WC-70
- Canadian Standard C22.2 No. 38
- Gasoline & Oil Resistant II
- ICEA S-95-658
- IEEE 1202
- ARRA 2009 Section 1605 "Buy American" Compliant
- Available in Low and High Voltage Colors



Conductor				Ampacity	
(AWG or MCM)	Stranding	Insulation Thickness (mils)	Outside Diameter (in)	(AMPS) 90° C	Approx Net WT./MFT
6	7	45	0.26	60	39
4	7	45	0.305	75	57
2	7	45	0.36	100	85
1	19	55	0.415	115	109
1/0	19	55	0.45	135	132
2/0	19	55	0.49	150	161
3/0	19	55	0.54	175	199
4/0	19	55	0.59	205	244
250 MCM	36	65	0.655	230	293
300 MCM	36	65	0.705	255	345
350 MCM	36	65	0.75	280	397
400 MCM	36	65	0.795	305	449
500 MCM	36	65	0.87	350	551
600 MCM	58	80	0.98	385	674
700 MCM*	58	80	1.04	420	774
750 MCM	58	80	1.075	435	824

\*Non-stock item. Subject to economic order minimum.