



- 1 Colored cross-linked polyethylene (XLPE)
- 2 Stranded Aluminum Conductor



CONSTRUCTION

- » **Conductors:** Bare Aluminum Alloy 8000 Series stranded conductors per ASTM B800, B801 and B836.
- » **Insulation:** Colored cross-linked polyethylene (XLPE) insulation per UL-44 made with a friction-reducing jacket to aid in the installation process.

APPLICATIONS

Type XHHW-2 conductors are primarily used in conduit and cable trays for services, feeders, and branch circuits in commercial and industrial applications as specified in the National Electrical Code. XHHW-2 conductors may be used in wet or dry locations. XHHW-2/RW90 conductors are rated for 600 and 1000 volt applications. Sizes 1/0 and larger may be used in cable tray in accordance with the National Electrical Code.

SPECIFICATIONS

- » ASTM B800, B801, B836
- » UL-44, UL-1581, UL-2556
- » Federal Specification A-A-59544
- » RoHS and REACH compliant
- » NFPA 70 (NEC) Article 310
- » MasterSpec Division 26 Section 260519
- » 90° C wet and dry locations / -40° C
- » All sizes rated gasoline and oil resistant II and are sunlight resistant
- » ARRA 2009 Section 1605 "Buy American" compliant
- » Canadian Standard C22.2 No. 38, Canadian C-UL RW90
- » UL Listing #E319493

Conductor		Dimensions		Ampacity			Approx Net WT/MFT	Standard Packaging (ft)
Size (AWG)	Stranding	Insulation Thickness XLPE (in)	Outside Diameter (in)	60°	75°	90°		
6	7	0.045	0.260	40	50	55	41	500', 1000', 2500', 5000' reels
4	7	0.045	0.305	55	65	75	58	500', 1000', 2500', 5000' reels
2	7	0.045	0.360	75	90	100	85	500', 1000', 2500', 5000' reels
1	19	0.055	0.415	85	100	115	107	500', 1000', 2500', 5000' reels
1/0	19	0.055	0.450	110	120	135	132	500', 1000', 2500', 5000' reels
2/0	19	0.055	0.490	115	135	150	160	500', 1000', 2500', 5000' reels
3/0	19	0.055	0.540	130	155	175	196	500', 1000', 2500', 5000' reels
4/0	19	0.055	0.590	150	180	205	243	500', 1000', 2500', 5000' reels
250 MCM	37	0.065	0.655	170	205	230	294	500', 1000', 2500' reels
300 MCM	37	0.065	0.705	195	230	260	345	500', 1000', 2500' reels
350 MCM	37	0.065	0.750	210	250	280	396	500', 1000', 2500' reels
400 MCM	37	0.065	0.795	225	270	305	445	500', 1000', 2500' reels
500 MCM	37	0.065	0.870	260	310	350	543	500', 1000', 2500' reels
600 MCM	61	0.080	0.980	285	340	385	673	500', 1000', 2000' reels
750 MCM	61	0.080	1.075	320	385	435	826	500', 1000' reels