

CONTROL CABLE

VW-1 XHHW-2 INSULATION WITH HYPALON® JACKET TYPE TC 600 VOLT, 90°C WET AND DRY

Construction

Conductors:

- Coated annealed cooper.
- ASTM B-33 and B-189.
- Concentric stranded class B (7 strands).
- ASTM B-8, UL-44 paragraph 12.4 and UL-62 paragraph 10.2 (A suitable separator is applied between the conductor and insulation to facilitate stripping).

Insulation:

- VW-1 crosslinked polyethylene (Thermoset).

Cabling:

- Three or more conductors are assembled round with flame resistant, non-hygroscopic and non-wicking neoprene fillers as needed. A flame resistant, non-hygroscopic and non-wicking tape binder is applied over the assembly. Two conductors are assembled flat parallel (round, with neoprene fillers as needed, is available upon request).

Overall Jacket:

- Heavy duty, flame and sunlight resistant Hypalon® (black) (Thermoset).

Color Coding:

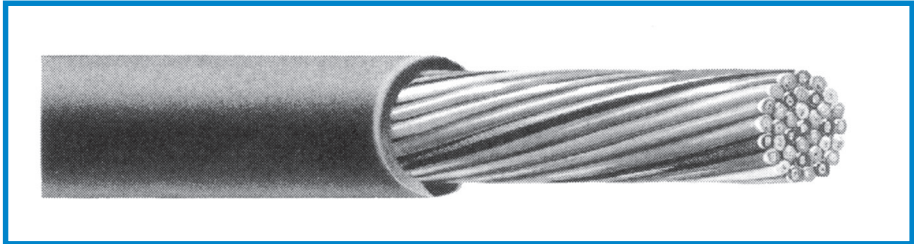
- ICEA Method 1 using solid colors with stripes in accordance with Table K-2.
- See Chart #24.

Scope:

- This specification covers multiconductors having stranded, coated copper conductors; flame resistant crosslinked polyethylene insulation, and a heavy duty flame and sunlight resistant Hypalon® jacket. Cables conform to Article 318 "Cable Trays" and Article 340 "Power and Control Cable Type TC" of the 1984 NEC, Subject 1277 of Underwriters Laboratories, Inc. and ICEA S-66-524, and meet the requirements of the 70,000 BTU "Cable Tray Propagation Test" per IEEE-383. Cables are rated 600 volts, 90°C dry and wet. Sizes 14, 12 and 10 AWG conductors are XHHW rated (VW-1). Also meets IEEE-1202, ICEA T-29-520, T30-520 and FT-4.

Applications:

- UL listed and OSHA acceptable.
- Recognized for use in Class 1, Division 2 hazardous locations and for installation in trays, wireways, troughs, channels, ducts, conduit and aerially where supported by a messenger.
- Specifically approved for direct burial, wet and dry locations and outdoors in cable trays where a sunlight resistant rating is required.
- Designed for control, power, lighting, telemetering, signal and relay or traffic control where a low loss, high temperature insulation is specified.



CUSTOM CATALOG NUMBER	SIZE AWG/MCM	NO. OF COND'S	NOMINAL THICKNESS (INCHES)		NOMINAL O.D. INCHES	NOMINAL WEIGHT LBS/MFT
			INSULATION	JACKET		
22662	16	2 (Flat)	0.030	0.045	0.216x0.339	58
22663	16	3	0.030	0.045	0.357	79
22664	16	4	0.030	0.045	0.389	101
22665	16	5	0.030	0.045	0.425	116
22666	16	6	0.030	0.045	0.462	137
22667	16	7	0.030	0.045	0.462	147
22668	16	8	0.030	0.045	0.500	171
22669	16	9	0.030	0.060	0.567	194
22670	16	10	0.030	0.060	0.590	205
22672	16	12	0.030	0.060	0.621	243
22675	16	15	0.030	0.060	0.682	294
22679	16	19	0.030	0.060	0.738	357
22680	16	20	0.030	0.060	0.760	372
22684	16	24	0.030	0.080	0.866	460
22685	16	25	0.030	0.080	0.877	480
22686	16	26	0.030	0.080	0.891	506
22690	16	30	0.030	0.080	0.950	570
22696	16	36	0.030	0.080	1.024	656
22697	16	37	0.030	0.080	1.024	671
22502	14	2 (Flat)	0.030	0.045	0.230x0.367	73
22503	14	3	0.030	0.045	0.387	109
22504	14	4	0.030	0.045	0.423	123
22505	14	5	0.030	0.045	0.462	158
22506	14	6	0.030	0.045	0.504	176
22507	14	7	0.030	0.045	0.504	189
22508	14	8	0.030	0.060	0.576	230
22509	14	9	0.030	0.060	0.617	257
22510	14	10	0.030	0.060	0.643	279
22512	14	12	0.030	0.060	0.677	318
22515	14	15	0.030	0.060	0.746	415
22519	14	19	0.030	0.060	0.808	545
22520	14	20	0.030	0.080	0.872	573
22524	14	24	0.030	0.080	0.946	668
22525	14	25	0.030	0.080	0.958	691
22526	14	26	0.030	0.080	0.974	708
22530	14	30	0.030	0.080	1.039	801
22536	14	36	0.030	0.080	1.122	916
22537	14	37	0.030	0.080	1.122	940

NOTE: #16 AWG not XHHW-2 Rated. Also available in EPR-CPE 600 Volt. Check sales office for price and availability.

Custom Cable Corp.

OSHA Acceptable
Occupational Safety and Health
Administration

