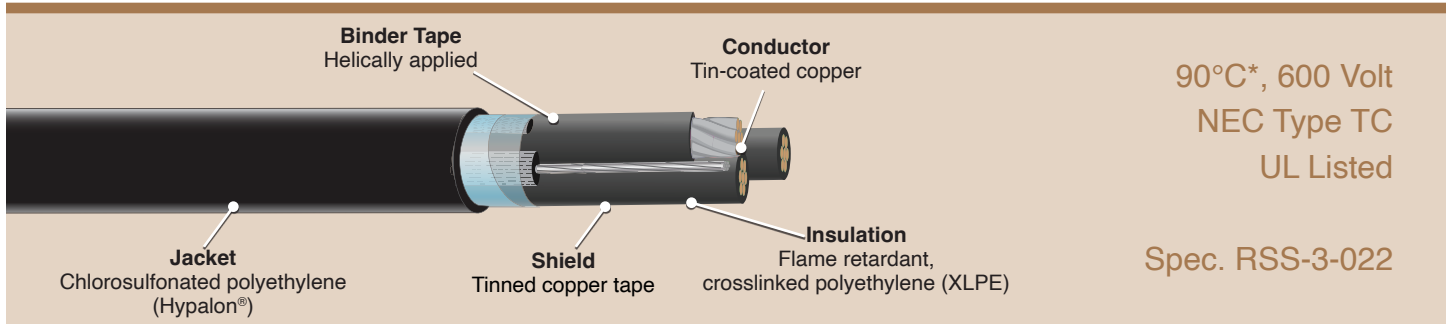


FIREWALL®

Firewall® III-C Shielded Control Cable XLPE/CSPE (Hypalon®)



Features

- Thermoset insulation and jacket for enhanced thermal stability
- Specially formulated insulation for superior long term water resistance
- Extremely flame retardant
- Long term sustainability
- Excellent mechanical properties
- Tin-coated copper conductors for improved terminations and corrosion resistance
- Easy strippability for installation ease

Performance Standards

- Insulation in accordance with XLPE requirements of ANSI/NEMA WC 57/ICEA S-73-532
- UL approved 90°C for both wet and dry locations
- Jacket in accordance with ANSI/NEMA WC 57/ICEA S-73-532
- Cable passes UL 1685 and IEEE 383-1974 Cable Tray Tests
- Single conductors pass UL VW-1 Flame Test
- UL Listed Type TC for Cable Tray Installation (UL 1277)
- UL Listed for Direct Burial (UL 1277)**
- UL Listed for Sunlight Resistance

Construction

- **Conductor:** Annealed, tin-coated copper, Class “B” strand (ASTM B8 & B33)
- **Insulation:** Proprietary heat, moisture, flame retardant, and radiation resistant crosslinked polyethylene (XLPE)
- **Circuit Identification:** Colored insulation per ICEA Method 1, Table E-1 or E-2 identification
- **Fillers:** As applicable
- **Shield:** Helically applied, tinned copper tape
- **Binder Tape:** Helically applied
- **Jacket:** Black, chlorosulfonated polyethylene (CSPE) Hypalon®

Scope

Firewall® III-C is a high quality commercial grade multi-conductor tray cable with both thermoset insulation and jacket engineered to operate continuously in rugged environments. For indoor or outdoor use, installed in metal trays, conduits, ducts, or direct burial applications. It is intended for use in critical circuits for control and signaling functions offering EMI protection (in high frequency areas).

* Rated 90°C for normal operation in wet and dry locations, 130°C for emergency overload conditions, and 250°C for short circuit conditions.

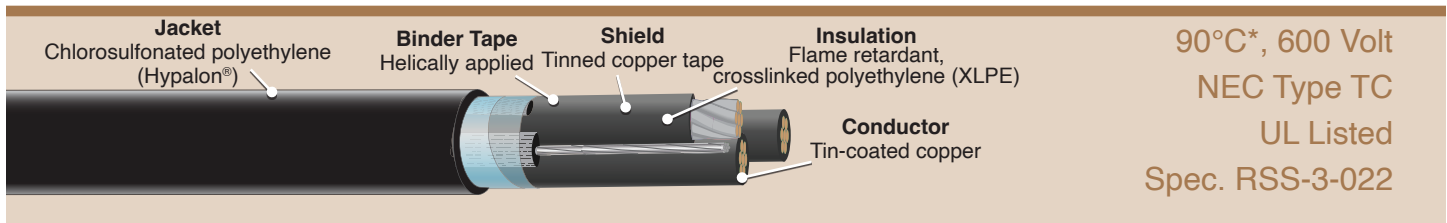
** Constructions with 4 conductors or more listed for direct burial applications



Made in the USA



Marmon Electrical
A Berkshire Hathaway Company



14 AWG, 7 Strand

Product Code (E-2 Color)	Product Code (E-1 Color)	Number of Conductors	Insulation Thickness		Insulation Diameter		Jacket Thickness		Nominal Overall Diameter		Approximate Net Weight (Lbs/M')
			(inch)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mm)	
C53-0025	C53-0026	2	0.030	0.762	0.140	3.556	0.045	1.143	0.380	9.65	95
C53-0035	C53-0036	3	0.030	0.762	0.140	3.556	0.045	1.143	0.400	10.16	115
C53-0045	C53-0046	4	0.030	0.762	0.140	3.556	0.045	1.143	0.435	11.05	145
C53-0055	C53-0056	5	0.030	0.762	0.140	3.556	0.045	1.143	0.475	12.07	170
C53-0075	C53-0076	7	0.030	0.762	0.140	3.556	0.045	1.143	0.515	13.08	215
C53-0095	C53-0096	9	0.030	0.762	0.140	3.556	0.060	1.524	0.675	17.15	295
C53-0125	C53-0126	12	0.030	0.762	0.140	3.556	0.060	1.524	0.700	17.78	360
C53-0195	C53-0196	19	0.030	0.762	0.140	3.556	0.060	1.524	0.810	20.57	515
C53-0255	C53-0256	25	0.030	0.762	0.140	3.556	0.080	2.032	0.975	24.77	695
C53-0375	C53-0376	37	0.030	0.762	0.140	3.556	0.080	2.032	1.115	28.32	965

12 AWG, 7 Strand

Product Code (E-2 Color)	Product Code (E-1 Color)	Number of Conductors	Insulation Thickness		Insulation Diameter		Jacket Thickness		Nominal Overall Diameter		Approximate Net Weight (Lbs/M')
			(inch)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mm)	
C52-0025	C52-0026	2	0.030	0.762	0.160	4.064	0.045	1.143	0.415	10.54	120
C52-0035	C52-0036	3	0.030	0.762	0.160	4.064	0.045	1.143	0.440	11.18	150
C52-0045	C52-0046	4	0.030	0.762	0.160	4.064	0.045	1.143	0.480	12.19	185
C52-0055	C52-0056	5	0.030	0.762	0.160	4.064	0.060	1.524	0.555	14.10	240
C52-0075	C52-0076	7	0.030	0.762	0.160	4.064	0.060	1.524	0.600	15.24	305
C52-0095	C52-0096	9	0.030	0.762	0.160	4.064	0.060	1.524	0.750	19.05	390
C52-0125	C52-0126	12	0.030	0.762	0.160	4.064	0.060	1.524	0.775	19.69	480
C52-0195	C52-0196	19	0.030	0.762	0.160	4.064	0.080	2.032	0.940	23.88	740
C52-0255	C52-0256	25	0.030	0.762	0.160	4.064	0.080	2.032	1.085	27.56	945
C52-0375	C52-0376	37	0.030	0.762	0.160	4.064	0.080	2.032	1.245	31.62	1325

10 AWG, 7 Strand

Product Code (E-2 Color)	Product Code (E-1 Color)	Number of Conductors	Insulation Thickness		Insulation Diameter		Jacket Thickness		Nominal Overall Diameter		Approximate Net Weight (Lbs/M')
			(inch)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mm)	
C51-0025	C51-0026	2	0.030	0.762	0.180	4.572	0.045	1.143	0.465	11.81	155
C51-0035	C51-0036	3	0.030	0.762	0.180	4.572	0.045	1.143	0.490	12.45	200
C51-0045	C51-0046	4	0.030	0.762	0.180	4.572	0.060	1.524	0.565	14.35	265
C51-0055	C51-0056	5	0.030	0.762	0.180	4.572	0.060	1.524	0.615	15.62	320
C51-0075	C51-0076	7	0.030	0.762	0.180	4.572	0.060	1.524	0.670	17.02	415
C51-0095	C51-0096	9	0.030	0.762	0.180	4.572	0.080	2.032	0.885	22.48	570
C51-0125	C51-0126	12	0.030	0.762	0.180	4.572	0.080	2.032	0.910	23.11	705
C51-0195	C51-0196	19	0.030	0.762	0.180	4.572	0.080	2.032	1.060	26.92	1035
C51-0255	C51-0256	25	0.030	0.762	0.180	4.572	0.080	2.032	1.220	30.99	1330
C51-0375	C51-0376	37	0.030	0.762	0.180	4.572	0.080	2.032	1.410	35.81	1880

* Rated 90°C for normal operation in wet and dry locations, 130°C for emergency overload conditions, and 250°C for short circuit conditions.

** Constructions with 4 conductors or more listed for direct burial applications