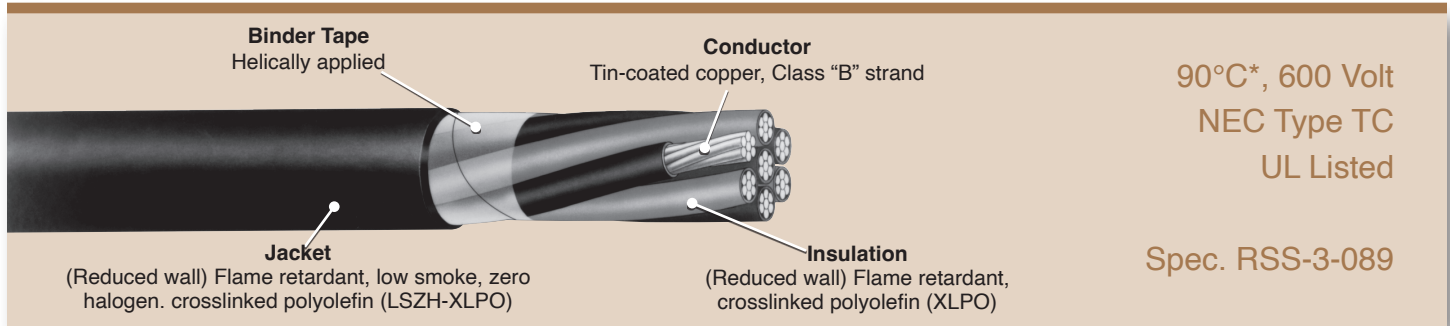


X-Link® TC Control Cable (XLPO/LSZH-XLPO)



Features

- Thermoset insulation and jacket for enhanced thermal stability
- Small diameter & light weight
- Economical
- More cables per tray or conduit
- Extremely flame retardant
- Flexible
- Heat, sunlight, oil and abrasion resistant
- Easily pulled (low friction jacket)
- Tin-coated conductors for improved terminations and corrosion resistance
- Jackets have printed sequential footage markers for improved inventory control
- Jacket strippability facilitates termination
- Reduced halogen design
- Low smoke jacket
- Lead free jacket
- Superior insulation and jacket moisture resistance

Scope

X-Link® TC is the smallest diameter, thermoset, UL listed, Type TC control cable available in the industry today. X-Link® TC is 30% to 40% smaller in diameter than standard control cable. It may be installed in wet and dry locations, indoors and outdoors, in metal trays, conduits, ducts, or in direct burial applications. It is ideal for applications in substations, cogeneration, waste/energy and industrial facilities to perform a variety of control and related functions.

Performance Standards

- UL listed, Type TC (UL 1277) in accordance with the NEC
- UL listed for direct burial and sunlight
- Passes IEEE 383-1974 70,000 BTU/hr vertical tray flame test as modified by NRC Reg. Guide 1.131
- Passes ICEA T-30-520 70,000 BTU/hr vertical tray flame test
- Cable constructions comply with IEEE 1202 70,000 BTU/hr vertical tray flame test
- Single conductors pass UL VW-1 flame test
- Single conductors in accordance with performance requirements of ICEA S-95-658 and UL 44 Class XL
- Jacket exceeds the requirements of UL Class XL/90°C and ICEA Publication T-33-655 Type II
- UL approved for 90°C operation in both wet and dry locations
- Cable components are in compliance with the maximum leachable lead level required by the EPA in 40CFR, Part 261

Construction

- **Conductor:** Annealed, tin-coated copper, Class "B" strand (ASTM B8 & B33)
- **Insulation:** 20 mils of flame retardant crosslinked polyolefin meeting performance requirements of ICEA S-95-658 and UL 44 Class XL
- **Circuit Identification:** Colored insulation per ICEA Method 1, Table K-1 and K-2 color identification
- **Fillers:** As applicable
- **Binder Tape:** Helically applied polyester
- **Jacket:** Reduced wall, black, flame retardant, low smoke, zero halogen, crosslinked polyolefin jacket

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

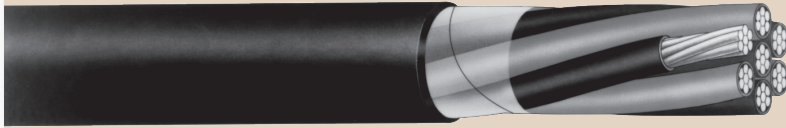


Made in the USA



Marmon Electrical
A Berkshire Hathaway Company

X-Link® TC
Control Cable
 (XLPO/LSZH-XLPO)



90°C*, 600 Volt
 NEC Type TC
 UL Listed

Spec. RSS-3-089

14 AWG, 7 Strand

Product Code		Number of Conductors	Insulation Thickness		Insulated Conductor Diameter (inch)	Jacket Thickness (Mils)	Nominal Overall Diameter		Approximate Net Weight (Lbs/M')
K-1	K-2		(inch)	(mm)			(inch)	(mm)	
C14-0022	C14-0020	2	.020	.51	.12	35	.31	7.87	55
C14-0032	C14-0030	3	.020	.51	.12	35	.33	8.38	75
C14-0042	C14-0040	4	.020	.51	.12	35	.36	9.14	95
C14-0052	C14-0050	5	.020	.51	.12	35	.39	9.91	115
C14-0072	C14-0070	7	.020	.51	.12	35	.42	10.67	150
C14-0092	C14-0090	9	.020	.51	.12	35	.49	12.45	195
C14-0122	C14-0120	12	.020	.51	.12	45	.58	14.73	255
C14-0192	C14-0190	19	.020	.51	.12	45	.67	17.02	385
C14-0252	C14-0250	25	.020	.51	.12	45	.78	19.81	525
C14-0372	C14-0370	37	.020	.51	.12	65	.93	23.62	745

12 AWG, 7 Strand

Product Code		Number of Conductors	Insulation Thickness		Insulated Conductor Diameter (inch)	Jacket Thickness (Mils)	Nominal Overall Diameter		Approximate Net Weight (Lbs/M')
K-1	K-2		(inch)	(mm)			(inch)	(mm)	
C12-0022	C12-0020	2	.020	.51	.14	35	.35	8.89	75
C12-0032	C12-0030	3	.020	.51	.14	35	.37	9.40	105
C12-0042	C12-0040	4	.020	.51	.14	35	.40	10.16	130
C12-0052	C12-0050	5	.020	.51	.14	35	.44	11.18	160
C12-0072	C12-0070	7	.020	.51	.14	35	.48	12.19	215
C12-0092	C12-0090	9	.020	.51	.14	45	.58	14.73	285
C12-0122	C12-0120	12	.020	.51	.14	45	.65	16.51	365
C12-0192	C12-0190	19	.020	.51	.14	45	.76	19.30	555
C12-0252	C12-0250	25	.020	.51	.14	65	.97	24.64	775
C12-0372	C12-0370	37	.020	.51	.14	65	1.08	27.43	1100

10 AWG, 7 Strand

Product Code		Number of Conductors	Insulation Thickness		Insulated Conductor Diameter (inch)	Jacket Thickness (Mils)	Nominal Overall Diameter		Approximate Net Weight (Lbs/M')
K-1	K-2		(inch)	(mm)			(inch)	(mm)	
C10-0022	C10-0020	2	.020	.51	.16	35	.39	9.91	105
C10-0032	C10-0030	3	.020	.51	.16	35	.42	10.67	145
C10-0042	C10-0040	4	.020	.51	.16	35	.46	11.68	190
C10-0052	C10-0050	5	.020	.51	.16	35	.50	12.70	235
C10-0072	C10-0070	7	.020	.51	.16	45	.57	14.48	320
C10-0092	C10-0090	9	.020	.51	.16	45	.67	17.02	430
C10-0122	C10-0120	12	.020	.51	.16	45	.76	19.30	545
C10-0192	C10-0190	19	.020	.51	.16	65	.92	23.37	855
C10-0252	C10-0250	25	.020	.51	.16	65	1.08	27.43	1125
C10-0372	C10-0370	37	.020	.51	.16	65	1.25	31.75	1620

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