


MASS TRANSIT SOLUTIONS

LOW LEAD TIMES & REDUCED MOQ

HARD DRAWN CU CONTACT WIRE ASTM B47 & EN 50149 SW SPEC 48301


Minimize Risk and Reduce Downtime

- Emergency Repair
- Special Work Requirements
- Short Rebuild Segments and Airbreaks
- Section Insulator Gliders and Arcing Horns
- Vibration Mitigation
- Contact Wire Bridges
- Safety Stock

	Southwire Part Number	Nominal Conductor Size	Overall Diameter		Area	Weight			Rated Strength	MRQ (ft)**
			Inches	Millimeters		Circular MILS	Pounds Per 1000 Ft	Wire Plus Wood Reel		
Grooved Trolley Wire per ASTM B47 & EN 50149										
	66902999	2/0 AWG	0.392	9.956	137,900	417	923	817	5,438	4,796
	59246799	4/0 AWG	0.482	12.243	212,000	642	1,148	1,042	7,759	3,115
	59754199	300 MCM	0.574	14.580	299,800	908	1,414	1,308	10,409	2,203
	58757899	350 MCM	0.620	15.748	351,200	1,063	1,569	1,463	11,804	1,882

** Based on 2,000 lb coil

ALLOY 80 CUMG 0.2 CONTACT WIRE, ASTM B9 & EN 50149, SW SPEC 48302

	Southwire Part Number	Nominal Conductor Size	Overall Diameter		Area	Weight			Min. Breaking Strength	MRQ (ft)**
			Inches	Millimeters		Circular MILS	Pounds Per 1000 Ft	Wire Plus Wood Reel		
Alloy 80 CuMg 0.2 Contact Wire - Per ASTM B9 / EN50149										
	59644099	2/0 AWG	0.392	9.956	137,900	417	923	817	7,473	4,796
	59246699	4/0 AWG	0.482	12.243	212,000	642	1,148	1,042	10,820	3,115
	64719399	336 Fig 9	.680 x .482	15.748	336,400	1,020	1,526	1,420	15,040	1,960
	64681899	350 MCM	0.62	15.748	351,200	1,063	1,569	1,463	16,410	1,882

** Based on 2,000 lb coil

Additional contact wire sizes and configurations including Figure – 8 Copper Trolley Wire and Figure – 9 Deep-Section Grooved Trolley Wire for Industrial Haulage per ASTM B116 are available upon request. Shorter lengths will require plant approval.

To request a quote or place an order, reach out to Transit@Southwire.com and SWSpeed@Southwire.com
Lead time refers to manufacturing time. Please allow additional time for shipment and delivery.



LESS THAN STANDARD LEAD TIME



CUSTOM CONFIGURATION



LESS THAN STANDARD MOQ



EXPEDITED DELIVERY




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MASS TRANSIT SOLUTIONS

CUSTOM CUTS – IN STOCK & READY TO SHIP

TRACTION POWER CABLE SW SPEC 45503

- Emergency Repair
- Flexible Conductor
- Exceeds Industry Standards
- Solonon® LSZH Jacket
- Tinned Copper
- NL-EPR Insulation
- Mylar Tape
- UL and CSA Certified
- Made In America
- NFPA 130 & 502 Compliant
- Sunlight Resistant Jacketing

	Stock Conductor Number	Conductor Size-Strands	Diameter Over Conductor	Min. Average Insulation Thickness	Diameter Over Insulation	Min. Average Jacket Thickness	Approx. OD	Copper Weight	Approx. Weight
TCU 2000V NL-EPR Insulation Thermoset LSZH-TS Jacket RHH/RHW-2									
	649417	500-259	0.890	105	1.116	65	1.252	1579	1924
	643881	750-127	0.968	90	1.164	65	1.300	2315	2652
	653132	1000-127	1.118	90	1.314	65	1.450	3088	3468



LESS THAN STANDARD LEAD TIME



CUSTOM CONFIGURATION



LESS THAN STANDARD MOQ



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