

CSA RW90, EPR/LSZH, TRACTION POWER CABLE 2000V

SPEC: SFC2050TP

ShawFlex Traction Power Cable are suitable for use as positive power delivery, negative return and impedance bond cables in transit traction power system for tunnel and other below grade installations, where low smoke emission, fire retardant, and flexibility are the main concerns. It also can be installed in ventilated, non-ventilated and ladder type cable trays, especially for closed environments or populated spaces.

VOLTAGE

2000 V

PRODUCT CONSTRUCTION

Conductor:

- 1/0 AWG to 2000Kcmil fully annealed standard tinned copper per ASTM B8 & ASTM B33

Insulation:

- Ethylene propylene rubber (EPR). 90°C wet/dry

Jacket:

- Flame retardant, Low Smoke Zero Halogen Crosslinked Polyolefin. BLACK

CERTIFICATION/COMPLIANCES

- CSA C22.2 #38, RW90
- CSA C22.2 #230, TC
- CSA FT4/IEEE1202
- CSA ST1
- -40°C Cold Impact
- NFPA-130
- SUN RES
- DIR BUR

LEGEND

- SHAWFLEX 1C XX AWG 2000V CSA TYPE TC RW90 EP 90C WET/DRY SUN RES DIRECT BURIAL -40C FT4-ST1
- MADE IN CANADA
- Part # (mo#) (month year)
- (sequential footage marking every 2 feet)

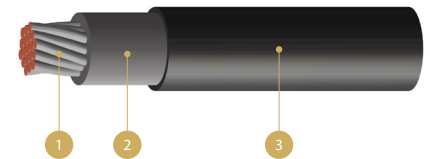
Various stranding available Class B, C, G, K...

2000 V

VOLTAGE

CSA RW90 FT4-ST1

TRACTION POWER



1. Standard Tinned Copper Conductors
2. Ethylene Propylene Rubber (EPR)
3. Thermoset LSZH XLPO

APPLICATIONS:

- For use as positive power delivery, negative return and impedance bond cables in transit traction power system
- For use in closed environments or populated spaces
- For use in feeders and branch circuits in industrial, commercial and electric utility
- In cable tray, including ventilated, non-ventilated
- In indoor or exposed to weather
- In free air, raceways or direct burial
- In wet/dry locations
- Permitted for use in hazardous locations:
 - Class I, (Div 2)
 - Class II, (Div 2)

STANDARDS:



PART NUMBER	CONDUCTOR SIZE	STRANDING NUMBERS	NOMINAL DIAMETER OVERALL CABLE	CABLE WEIGHT	AMPACITY 30°C AMBIENT	MAX. PULLING TENSION (PULLING EYE)	MIN. BEND RADIUS (PULL)
	AWG/KCMIL		IN/MM	(LBS/1000FT)/(KG/KM)	AMPS	LB/KG	IN/MM
T2010M1/0150H00	1/0	19W	0.648/16.5	466/694	260	845/383	3.9/99
T2010M2/0150H00	2/0	19W	0.691/17.6	562/837	300	1065/483	4.1/1.5
T2010M3/0150H00	3/0	19W	0.742/18.9	693/1032	350	1342/609	6.7/170
T2010M4/0150H00	4/0	19W	0.833/21.2	872/1298	405	1693/768	5.0/127
T2010M250170H00	250	37W	0.914/23.2	1041/1549	455	2000/907	5.5/139
T2010M300170H00	300	37W	0.967/24.6	1216/1810	500	2400/1089	5.8/147
T2010M500170H00	500	37W	1.145/29.1	1905/2835	700	4000/1814	6.9/174
T2010M750190H00	750	61W	1.354/34.4	2788/4150	855	6000/2722	8.1/206
T2010MA00190H00	1000	61W	1.503/38.2	3613/5377	1055	8000/3629	9.0/229
T2010MA50190H00	1500	91W	1.855/47.1	5445/8103	1325	12000/5443	11.1/283

*Ampacity value based on Canadian Electrical Code, Version 2018, Table-1.

FOR FURTHER INFORMATION, PLEASE CONTACT:

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