

Siechem Diesel Electric Locomotive Cables ATC, 125°C, As per EMD/9094883, upto 2100V

Application

- ✓ Developed to supply power to traction motors of the diesel-electric locomotives
- ✓ Portable cable for drilling rigs, on-shore and off-shore applications, railroad and transit car wiring, and electric earth-moving equipment
- ✓ Well-suited for other applications like shipyards, power and control jumper cables, motor leads, and sometimes as a telecom power supply.
- ✓ At times as a welding cable, especially for high-current applications.

Features

- ✓ Excellent resistance to high and low temperature
- ✓ Outstanding flame retardant
- ✓ Halogen free
- ✓ Excellent flexibility
- ✓ Resistance to Oil, Fuel, Ozone and Weathering.
- ✓ Easy to strip
- ✓ Low smoke density
- ✓ Soldering iron resistant
- ✓ Electron Beam Cross Linked.

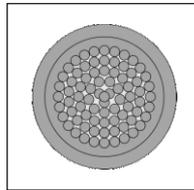
Product Construction

- ✓ Conductor : Annealed Tinned Copper Flexible Conductor.
- ✓ Insulation : Dual Layer Thermosetting Irradiation Cross Linked Polyolefin as per EDPS179/304
- ✓ Inner Layer : EPDM
- ✓ Outer Layer : CPE

Technical Data

- ✓ Temperature Range : -65°C to +125°C
- ✓ Thermal Life Rating : >10000 hrs @ +125°C.
- ✓ Specification: EDPS 179 & 304 - 9094883
- ✓ NFPA -130

2D View



Approvals	Accreditations	Certifications

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Siechem EMD/9094883 ATC, 125°C Diesel Electric Locomotive Cables

EMD Part Number	Voltage Rating AC (V)	EDPS Specification	Conductor Size (AWG/MCM)	No of Strands /Strand dia (Nos/AWG)	Insulation Thickness (Nom) (Inches)	Outer Diameter (Nom.) (Inches)	Weight (Approx) (LBS/1000FT)	Insulation Colour	N.E.C 30°C Single Conductor Free Air Ampacity (A)
8466845-G	600	179	18 AWG	19/30	0.030	0.111	11.1	Yellow	17
9321021-F	600	179	18 AWG	19/30	0.030	0.111	11.1	Green	17
8466844-F	600	179	16 AWG	19/29	0.030	0.122	14.5	Red	25
9322292-E	600	179	16 AWG	19/29	0.030	0.122	14.5	Green	25
9086254-E	2000	179	16 AWG	19/29	0.045	0.152	18.8	Orange	25
8470754-F	600	179	14 AWG	37/29	0.030	0.139	21.6	White	40
8460546-H	1500	179	14 AWG	37/29	0.0435	0.165	25.6	LT Grey	40
40019384-B	600	179	12 AWG	37/27	0.030	0.159	31.4	LT Blue	50
8460547-G	2000	179	12 AWG	37/27	0.045	0.189	36.9	Blue	50
9094884-G	2000	179	8 AWG	37/24	0.055	0.261	71.0	DK Grey	90
9094885-G	2000	179	5 AWG	91/24	0.055	0.359	158	DK Grey	155
9094886-G	2000	179	3 AWG	125/24	0.055	0.407	206	DK Grey	190
9094887-G	2000	304	1 AWG	225/24	0.065	0.530	365	DK Grey	280
9094888-G	2000	304	2/0 AWG	325/24	0.065	0.620	494	DK Grey	355
9094889-H	2100	304	4/0 AWG	550/24	0.105	0.847	872	DK Grey	490
9094890-H	2100	304	313 MCM	775/24	0.105	0.963	1216	DK Grey	610
8462288-H	2100	304	535 MCM	1325/24	0.125	1.245	2033	DK Grey	850
9085669-H	2100	304	597 MCM	1480/24	0.125	1.300	2186	DK Grey	900
9530744-C	2000	179	10 AWG	27/24	0.045	0.218	51.0	DK Grey	70
8408649-H	600	179	20 AWG	19/32	0.015	0.071	5.39	Brown	5
40028092-E	600	179	20 AWG	19/32	0.029	0.100	8.0	Tan	5
40085782-C	2100	304	2/0 AWG	325/24	0.105	0.690	552	DK Grey	355
10661360-C	2100	304	1 AWG	225/24	0.105	0.620	408	DK Grey	280



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40015786-E	2100	304	535 MCM	1325/24	0.105	1.145	1892	DK Grey	849
40015787-E	2100	304	646 MCM	1600/24	0.105	1.270	2222	DK Grey	954
40038694-D	2100	304	444 MCM	1100/24	0.105	1.080	1479	DK Grey	757
40036094-D	2100	304	597 MCM	1480/24	0.105	1.205	2105	DK Grey	902
40056040-D	2100	304	4/0 AWG	2109/24	0.105	0.825	855	Grey	481
40116622-C	2100	304	777 MCM	1924/24	0.105	1.404	2795	DK Grey	1080

** We have obtained various approvals, accreditations, and certifications — some of which may not be relevant to this catalog.



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