

RATINGS / APPROVALS

150°C / 200°C – 1000 Volts - NEMA HP6 SSB (Replaces Mil-W 16878/31 and /32)

CONSTRUCTION

Conductors

24 AWG – 1 AWG

Stranded tinned copper or silver-plated copper

Insulating System

Extruded Silicone Rubber

Outer Covering

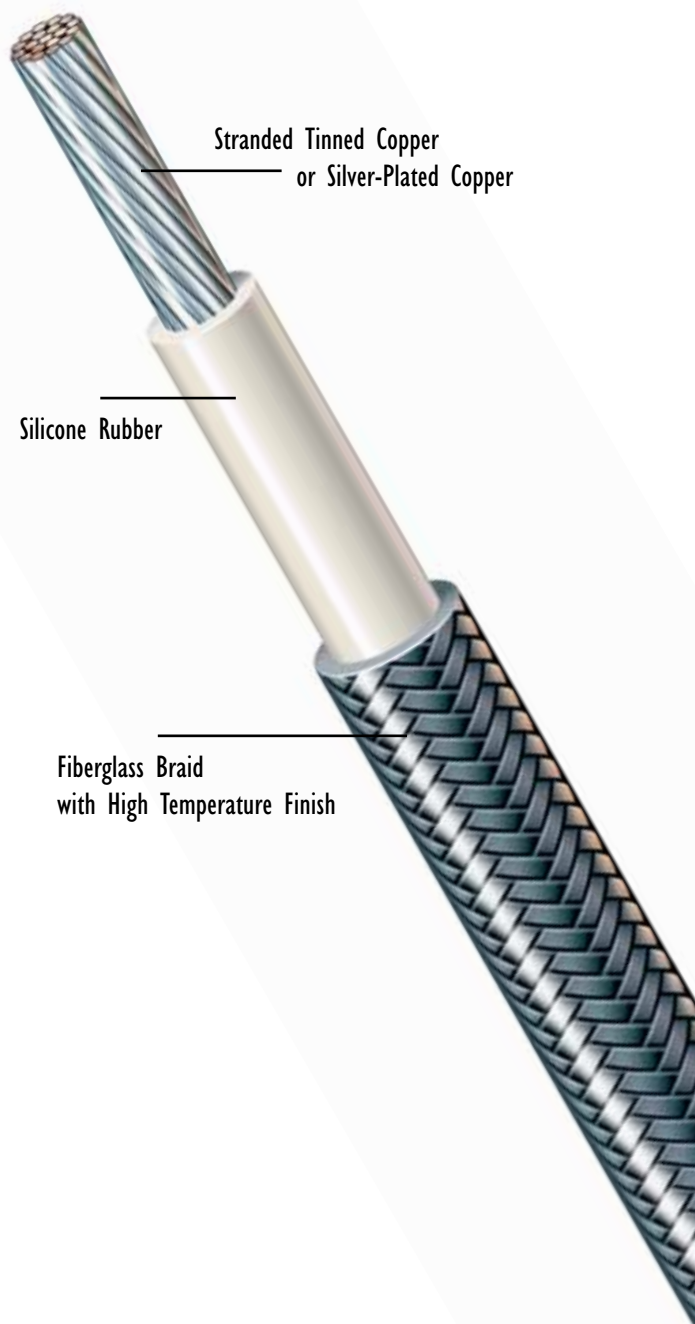
Braided fiberglass with a high temperature finish

Standard Color Coding

Available in Colors or Striped Combinations

CHARACTERISTICS

- Silicone formulations suitable for UV, ozone, moisture exposure.
- Not suited for immersed applications.
- Suitable for applications to -60°C.
- Silicone Rubber in extreme environments, exceeding 200°C, leaves a non-conductive ash and retains excellent insulation properties.



Radix™

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BRAIDED SILICONE 150C/1000V (Replaces MIL-W 16878/31)

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft.	Wgt - kg per km	NEMA
MCA01T259	1	259	0.560	14.22	342.09	509.11	HP-6 SSB
MCA02T133	2	133	0.487	12.37	269.69	401.36	HP-6 SSB
MCA04T133	4	133	0.418	10.62	185.21	275.64	HP-6 SSB
MCA06T133	6	133	0.362	9.19	128.22	190.82	HP-6 SSB
MCA08T133	8	133	0.318	8.08	87.73	130.56	HP-6 SSB
MCA10T105	10	105	0.214	5.44	46.47	69.16	HP-6 SSB
MCA12T065	12	65	0.198	5.03	33.85	50.38	HP-6 SSB
MCA14T041	14	41	0.179	4.55	24.58	36.58	HP-6 SSB
MCA16T026	16	26	0.132	3.35	14.56	21.67	HP-6 SSB
MCA18T016	18	16	0.124	3.15	11.20	16.67	HP-6 SSB
MCA20T010	20	10	0.113	2.87	8.60	12.80	HP-6 SSB
MCA22T007	22	7	0.104	2.64	6.88	10.24	HP-6 SSB
MCA24T007	24	7	0.098	2.49	5.78	8.60	HP-6 SSB

Standard conductor: Tinned Copper

Consult factory for alternate conductor and stranding options.

BRAIDED SILICONE 200C/1000V (Replaces MIL-W 16878/32)

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft.	Wgt - kg per km	NEMA
MCA01G259	1	259	0.560	14.22	358.21	533.10	HP-6 SSB
MCA02G133	2	133	0.487	12.37	273.45	406.96	HP-6 SSB
MCA04G133	4	133	0.418	10.62	183.21	273.55	HP-6 SSB
MCA06G133	6	133	0.362	9.19	127.48	189.72	HP-6 SSB
MCA08G133	8	133	0.318	8.08	87.47	130.18	HP-6 SSB
MCA10G105	10	105	0.214	5.44	46.10	68.61	HP-6 SSB
MCA12G065	12	65	0.198	5.03	33.27	49.51	HP-6 SSB
MCA14G041	14	41	0.179	4.55	24.07	35.82	HP-6 SSB
MCA16G026	16	26	0.132	3.35	14.14	21.04	HP-6 SSB
MCA18G016	18	16	0.124	3.15	10.88	16.19	HP-6 SSB
MCA20G010	20	10	0.113	2.87	8.29	12.34	HP-6 SSB
MCA22G007	22	7	0.104	2.64	7.10	10.57	HP-6 SSB
MCA24G007	24	7	0.098	2.49	5.93	8.83	HP-6 SSB

Standard conductor: Silver Plated Copper

Consult factory for alternate conductor and stranding options.

All dimensions listed above are nominal.

Compliance: NEMA HP6

Information included in this catalog is intended as a guideline only. For applications that require tight tolerances, please contact the Radix factory for dimensional verification. Information herein is believed to be accurate as of publication date; however, if an error exists it is unintentional and Radix Wire Company, Inc. is not responsible for any claim traceable to such error.



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