

150C/600V and 200C/600V

BRAIDLESS SILICONE 150/200
NEMA HP6 S

RATINGS / APPROVALS

150°C / 200°C – 600 Volts - NEMA HP6 S (Replaces Mil-W 16878/7 and /29)

CONSTRUCTION

Conductors

24 AWG – 10 AWG

Stranded tinned copper or silver-plated copper

Insulating System

Extruded Silicone Rubber

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 -40°C.
- Superior flexibility.



Radix™

Radix Wire Company

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SPECIFICATIONS

BRAIDLESS SILICONE 150/200 NEMA HP6 S

BRAIDLESS SILICONE 150C/600V (Replaces MIL-W 16878/29)

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft.	Wgt - kg per km	NEMA
MAA10T105	10	105	0.162	4.11	37.19	55.35	HP-6 S
MAA12T065	12	65	0.138	3.51	24.63	36.66	HP-6 S
MAA14T041	14	41	0.119	3.02	16.34	24.32	HP-6 S
MAA16T026	16	26	0.088	2.24	9.87	14.69	HP-6 S
MAA18T016	18	16	0.080	2.03	6.80	10.12	HP-6 S
MAA20T010	20	10	0.069	1.75	4.59	6.83	HP-6 S
MAA22T007	22	7	0.062	1.57	3.29	4.90	HP-6 S
MAA24T007	24	7	0.056	1.42	2.40	3.57	HP-6 S

Standard conductor: Tinned Copper

Consult factory for alternate conductor and stranding options.

BRAIDLESS SILICONE 200C/600V (Replaces MIL-W 16878/7)

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft.	Wgt - kg per km	NEMA
MAA10G105	10	105	0.162	4.11	36.82	54.80	HP-6 S
MAA12G065	12	65	0.138	3.51	24.05	35.79	HP-6 S
MAA14G041	14	41	0.119	3.02	15.83	23.56	HP-6 S
MAA16G026	16	26	0.088	2.24	9.45	14.06	HP-6 S
MAA18G016	18	16	0.080	2.03	6.48	9.64	HP-6 S
MAA20G010	20	10	0.069	1.75	4.28	6.37	HP-6 S
MAA22G007	22	7	0.062	1.57	3.52	5.24	HP-6 S
MAA24G007	24	7	0.056	1.42	2.55	3.80	HP-6 S

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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