

# BRAIDLESS SILICONE 150

## HIGH-TEMPERATURE LEAD WIRE

150C/600V

### RATINGS / APPROVALS

150°C - 600 Volts - UL Style 3212, 3213, 3214 / CSA AWM I A/B FT2  
UL VW-I Flame Rated (14 AWG - 4/0 AWG)

### CONSTRUCTION

#### Conductors

22 AWG - 4/0 AWG

Stranded tinned copper or nickel-plated copper  
(Other conductor materials available)

#### 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 -60°C
- Superior flexibility

150°C/300V (UL Style 3211) are available. (consult factory)



**Radix™**

Radix Wire

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## HIGH-TEMPERATURE LEAD WIRE

### SPECIFICATIONS

#### BRAIDLESS SILICONE 150C/600V

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt. (lbs/Mft)	Wgt - kg per km	Min. Bend Radius (in)	UL	CSA
HDA22T007	22	7	0.123	3.12	8	12.34	0.98	3212	AWM I A/B FT2
HDA20T007	20	7	0.126	3.20	10	15.00	1.01	3212	AWM I A/B FT2
HDA18T016	18	16	0.139	3.53	13	18.81	1.11	3212	AWM I A/B FT2
HDA16T026	16	26	0.149	3.78	16	24.53	1.19	3212	AWM I A/B FT2
HDA14T041	14	41	0.164	4.17	22	33.26	1.31	3212	AWM I A/B FT2
HDA12T065	12	65	0.181	4.60	31	46.63	1.45	3212	AWM I A/B FT2
HDA10T105	10	105	0.204	5.18	45	67.48	1.63	3212	AWM I A/B FT2
HDA08T133	8	133	0.285	7.24	77	114.31	2.28	3213	AWM I A/B FT2
HDA06T133	6	133	0.331	8.41	114	170.00	2.65	3213	AWM I A/B FT2
HDA04T133	4	133	0.371	9.42	155	230.22	2.97	3213	AWM I A/B FT2
HDA02T259	2	259	0.436	11.07	234	347.70	3.49	3213	AWM I A/B FT2
HDA01T259	1	259	0.507	12.88	301	448.15	4.06	3214	AWM I A/B FT2
HDAX1T259	1/0	259	0.562	14.27	382	568.46	4.50	3214	AWM I A/B FT2
HDAX2T259	2/0	259	0.608	15.44	470	699.59	4.86	3214	AWM I A/B FT2
HDAX3T259	3/0	259	0.657	16.69	580	863.12	5.26	3214	AWM I A/B FT2
HDAX4T259	4/0	259	0.717	18.21	718	1069.12	5.74	3214	AWM I A/B FT2

Standard conductor: Tinned Copper

Consult factory for alternative conductor and stranding options.



All dimensions listed above are nominal  
Compliance: UL Listed File No. E22244. CSA Certified File No. LL13427 or LL80670  
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 is not responsible for any claim traceable to such error.

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