

**SILICONE JACKETED CABLE:**

**RATINGS / APPROVALS**

**150°C/200°C – 600 Volts - UL Style 4389 / CSA AWM I A/B FT2**

**CONSTRUCTION**

Stranded tinned copper (2 to 61 conductors) with braided silicone rubber insulation (braidless silicone rubber or Teflon® also available UL only) and extruded silicone rubber jacket.

**HI-LITE CABLE:**

**RATINGS / APPROVALS**

**150°C – 300 Volts - UL Style 3522**

**200°C – 300 Volts - UL Style 4291 / CSA AWM I/II A/B FT2**

**CONSTRUCTION**

Stranded tinned copper (2 conductors 16 or 18 AWG) with braided silicone rubber insulation and extruded silicone rubber jacket. Options for UL 4291:  
Twisted Kevlar, Aramid or polyester strength member laid parallel  
Insulated or uninsulated ground lead

**PENDANT CABLE:**

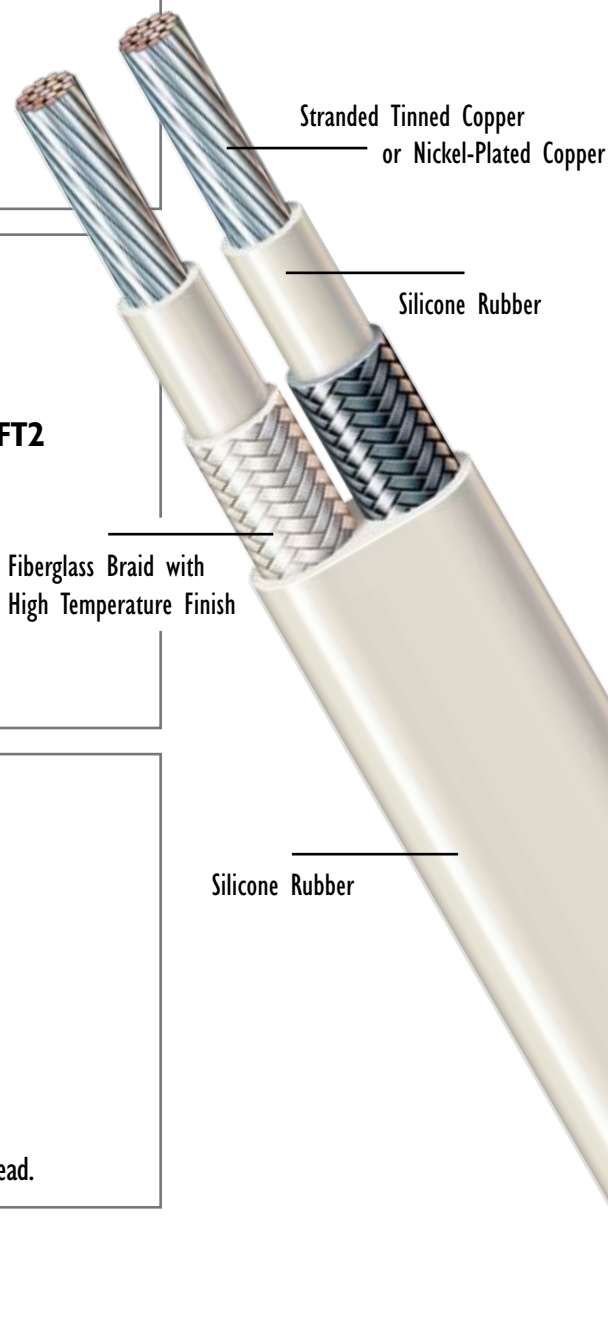
**RATINGS / APPROVALS**

**150°C – 300 Volts - UL Style 4403**

**200°C – 600 Volts - UL Style 4452**

**CONSTRUCTION**

Stranded tinned copper (2 conductors 16 or 18 AWG) with braided silicone rubber insulation and extruded silicone rubber jacket. Twisted Kevlar, Aramid or polyester strength member required. Optional Insulated or uninsulated ground lead.



**CHARACTERISTICS FOR ABOVE CABLES**

- 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.
- Flexible

# SPECIFICATIONS

# UL SILICONE JACKETED HIGH-TEMPERATURE CABLES

## SILICONE JACKETED CABLE 200C/600V

Part No.	Awg. size	# Strands	# Leads	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft	Wgt - kg per km	UL	CSA
KKI4AT03A-0000-A5K20 (1)	14	7	3	0.451	11.46	109.50	162.96	4389	AWM I A/B FT2
KKI6AT03A-0000-A5K20 (1)	16	7	3	0.356	9.04	75.40	112.21	4389	AWM I A/B FT2
KKI8AT03A-0000-A5K20 (1)	18	7	3	0.323	8.20	54.60	81.26	4389	AWM I A/B FT2
KJI4AT03A-0000-A5K20 (2)	14	7	3	0.482	12.24	128.90	191.83	4389	AWM I A/B FT2
KJI6AT03A-0000-A5K20 (2)	16	7	3	0.386	9.80	85.54	127.30	4389	AWM I A/B FT2
KJI8AT03A-0000-A5K20 (2)	18	7	3	0.359	9.12	70.26	104.56	4389	AWM I A/B FT2
KKI4AT03A-CL01-A5K20 (3)	14	7	3	0.318	8.08	78.76	117.21	4389	AWM I A/B FT2
KKI6AT03A-CL01-A5K20 (3)	16	7	3	0.285	7.24	58.58	87.18	4389	AWM I A/B FT2
KKI8AT03A-CL01-A5K20 (3)	18	7	3	0.259	6.58	45.09	67.10	4389	AWM I A/B FT2

(1) Braidless silicone rubber insulated leads. (2) Braided silicone rubber insulated leads. (3) Teflon® insulated leads.

## HI-LITE CABLE 150C/300V

Part No.	Awg. Size	# Strands	# Leads	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft	Wgt - kg per km	UL
CMB18B168	18	168	2	0.268	6.81	36.89	54.90	3522
CNB18B168	18	168	2	0.164 x 0.266	4.17 x 6.76	29.55	43.97	3522

## HI-LITE CABLE 200C/300V

Part No.	Awg. Size	# Strands	# Leads	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft	Wgt - kg per km	UL	CSA
CPB18T007 / CQB18T007	18	7	2	0.158 x 0.254	4.01 x 6.45	28.90	43.01	4291	AWM I/II A/B FT2

## PENDANT CABLE 150C/300V

Part No.	Awg. Size	# Strands	# Leads	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft	Wgt - kg per km	UL
CSB18B168 / CTB18B168	18	168	2	0.268	6.81	37.57	55.91	4403

Standard conductor: Bare Copper (150C) and Tinned Copper (200C)  
Consult factory for alternate conductor, number of leads and stranding options.

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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 Company, Inc. is not responsible for any claim traceable to such error.



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