RJ Mann & Associates Inc.

BriskHeat
Your *Heating* Specialist since **1949**

HEAT TRACE CABLE CATALOG

Freeze Protection

Process Control

Viscosity Control

Everything you need for heating, insulating and controlling indoor and outdoor pipe systems.

FM APPROVED · Ex · CSA C US

Brighton, Colorado 303-659-5139

Gillette, Wyoming 307-682-0830

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rjmann.com

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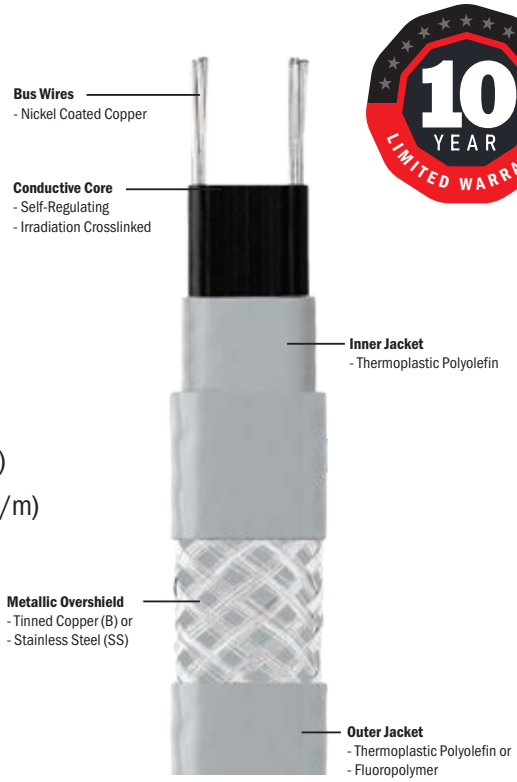
Self-Regulating Heating Cable

(SLCAB Series)

- **Ideal for freeze protection and low-temperature process maintenance up to 150°F (65°C)**
- **Automatically adjusts heat output based on surface and ambient temperatures**
- **Safe to overlap and insulate**
- **Moisture, chemical, and flame resistant**
- **Can be cut-to-length and terminated in the field**



10 YEAR LIMITED WARRANTY

Specifications:

Maximum Continuous Maintenance Temperature: 150°F (65°C)

Intermittent Exposure Temperature Range: -20°F to 185°F (-29°C to 85°C)

Maximum Power Output at 50°F (10° C): 3, 5, 8, 10 W/ft (10, 16, 26, 33 W/m)

Supply Voltages: 110-120 VAC or 208-277 VAC

Bus Wires: 16 AWG nickel coated copper wire

Braid Resistance:
Tinned copper: 0.003 Ω/ft (0.009 Ω/m)
Stainless steel: 0.125 Ω/ft (0.410 Ω/m)

Bend Radius: 0.5 in (12 mm)

FM APPROVED

Ordinary Locations
Hazardous (Classified) Locations
Class I, Division 1† and 2, Groups B, C, D
Class II, Division 2, Groups F, G
Class III, Division 1 and 2
3, 5, 8 W/ft T6
10 W/ft T5

Ordinary Locations 2E††, 3(A,B,C), 5(A,B)
Hazardous (Classified) Locations
Class I, Division 1 and 2, Groups B, C, D
Class II, Division 1 and 2, Groups E, F, G
Class III, Division 1 and 2
3, 5, 8 W/ft T6
10 W/ft T5

Hazardous Locations
II 2GD Gb
Ex e IIC T**
Ex tb IIIC T***°C Db
**3, 5, 8 W/ft T5/T85°C
**10 W/ft T4/ T100°C

IEC IECEx

Hazardous Locations
Ex e IIC T** II 2 Gb
Ex tb IIIC T***°C Db
**3, 5, 8 W/ft T5/T85°C
**10 W/ft T4/ T100°C

Approvals valid only when used with appropriate heating cable and installation accessories, and installed in accordance with all applicable instructions, codes, and regulations.

†CI/D1 approval for BF only. Contact a BriskHeat representative for information on Division I hazardous location systems.

Moisture and Chemical Resistant

Maintenance Temperatures Up to 150°F (65°C)

Outer Layer Options:

Product Type	Description	Nominal Dimensions [thickness x width] in (mm)	Location
SLCAB-B	Tinned Copper Metal Braid	0.2 x 0.4 (6 x 11)	For use in dry environments
SLCAB-BP	Tinned Copper Metal Braid with Thermoplastic Polyolefin Overjacket	0.3 x 0.6 (7 x 15)	For use in wet or weak chemical environments (i.e. weak acids)
SLCAB-BF	Tinned Copper Metal Braid with Fluoropolymer Overjacket	0.3 x 0.6 (7 x 15)	For use in strong chemical environments (i.e. strong acids)
SLCAB-SS	Stainless Steel Metal Braid	0.2 x 0.4 (6 x 11)	More resistant to rust and corrosion than Tinned Copper Metal braid.

Self-Regulating Heating Cable

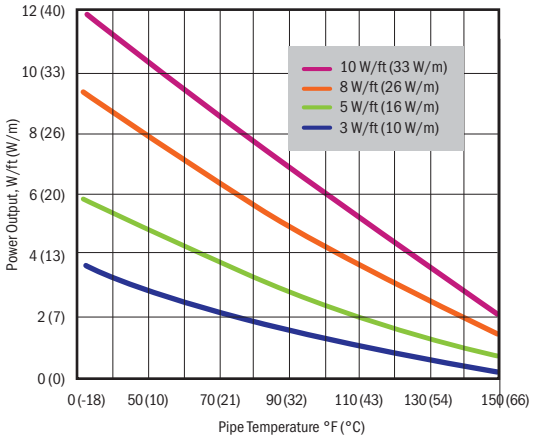
(SLCAB Series)

Maximum Circuit Length in ft (m)

Heat Cable Type	Circuit Breaker Size	Start-up Temperature 50°F (10°C)	0°F (-18°C)	-20°F (-29°C)
SLCAB3120	15 amp	300 (91)	200 (61)	180 (55)
	20 amp	-	270 (82)	230 (70)
	30 amp	-	330 (100)	330 (100)
SLCAB3240	15 amp	660 (201)	410 (125)	360 (110)
	20 amp	-	560 (171)	480 (146)
	30 amp	-	660 (201)	660 (201)
SLCAB5120	15 amp	230 (70)	150 (46)	130 (40)
	20 amp	270 (82)	200 (61)	175 (53)
	30 amp	-	270 (82)	260 (79)
SLCAB5240	15 amp	460 (140)	300 (91)	260 (79)
	20 amp	540 (164)	400 (122)	345 (105)
	30 amp	-	540 (164)	520 (158)
SLCAB8120	15 amp	150 (46)	95 (29)	85 (26)
	20 amp	200 (61)	125 (38)	100 (30)
	30 amp	210 (64)	190 (58)	170 (52)
	40 amp	-	210 (64)	210 (64)
SLCAB8240	15 amp	295 (90)	195 (59)	170 (52)
	20 amp	390 (119)	250 (76)	225 (68)
	30 amp	420 (128)	375 (114)	340 (104)
	40 amp	-	420 (128)	420 (128)
SLCAB10120	15 amp	115 (35)	70 (21)	60 (18)
	20 amp	150 (46)	95 (29)	85 (26)
	30 amp	180 (55)	145 (44)	120 (36)
	40 amp	-	180 (55)	165 (50)
SLCAB10240	15 amp	230 (70)	150 (46)	130 (40)
	20 amp	305 (93)	200 (61)	175 (53)
	30 amp	360 (110)	300 (91)	260 (79)
	40 amp	-	360 (110)	360 (110)

Note: Special consideration must be given for the circuit breaker due to the high initial in-rush currents.

Heat Output - Watts/Ft (Watts/m)



Voltage Adjustment Factor

Product Type	Output Adjustment Factor 208 VAC	277 VAC
SLCAB3240	0.75	1.28
SLCAB5240	0.86	1.16
SLCAB8240	0.91	1.10
SLCAB10240	0.93	1.08

Ordering Information:

Part Number Matrix

SLCAB	3	120	BF

Watts/ft:
3, 5, 8, 10

Voltage:
120- (110 - 120 VAC), 240- (208 - 277 VAC)

Outer Layer:
B- (Tinned Copper Metal Braid)
BP- (Tinned Copper Metal Braid with Thermoplastic Polyolefin)
BF- (Tinned Copper Metal Braid with Fluoropolymer Overjacket)
SS- (Stainless Steel Metal Braid)
BF1- Class I, Division 1 Cable- (Tinned Copper Metal Braid with Fluoropolymer Overjacket)

Accessories:

Component	Starting at Page
Power Connection/ Termination Kits 	6
Monitor Light Kits 	9
Insulation 	19

Mid-Temperature Self-Regulating Heating Cable

(SLMCAB Series)

- **Ideal for freeze protection and mid-temperature process maintenance up to 250°F (120°C)**
- **Automatically adjusts heat output based on ambient and surface and ambient temperatures**
- **Safe to overlap and insulate**
- **Moisture, chemical, and flame resistant**
- **Can be cut-to-length and terminated in the field**

10 YEAR LIMITED WARRANTY

Specifications:

Maximum Continuous Maintenance Temperature: 250°F (120°C)

Intermittent Exposure Temperature Range: -40°F to 366°F (-40°C to 185°C)

Nominal Power Output at 50°F (10° C): 5,10,15 W/ft (16,33,49 W/m)

Supply Voltages: 110-120 VAC or 208-277 VAC

Bus Wires: 16 AWG nickel coated copper wire

Braid Resistance: Tinned Copper 0.003 Ω/ft (0.009 Ω/m)

Bend Radius: 0.5 in (12 mm)

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Ordinary Locations
Hazardous (Classified) Locations
Class I, Division 1† and 2, Groups B, C, D
Class II, Division 2, Groups F, G
Class III, Division 2
5, 10, 15 W/ft T3

Ordinary Locations 3(A,B,C), 5(A,B)
Hazardous (Classified) Locations
Class I, Division 1 and 2, Groups B, C, D
Class II, Division 1 and 2, Groups E, F, G
Class III, Division 1 and 2
5, 10, 15 W/ft T3

Hazardous Locations
II 2 GD
Ex e IIC T3 Gb
Ex tb IIIC T195°C Db

IEC IECEx

Hazardous Locations
Ex e IIC T3 Gb
Ex tb IIIC T195°C Db

Moisture and Chemical Resistant

Maintenance Temperatures Up to 250°F (120°C)

Approvals valid only when used with appropriate heating cable and installation accessories, and installed in accordance with all applicable instructions, codes, and regulations.

†CI/D1 approval for BF only. Contact a BriskHeat representative for information on Division I hazardous location systems.

Outer Jacket Options:

Type	Description	Nominal Dimensions [thickness x width] in (mm)	Location
B	Tinned Copper Metal Braid	0.15 x 0.54 (4 x 14)	Dry Environments
BF	Tinned Copper Metal Braid with Fluoropolymer Outer Jacket	0.20 x 0.58 (5 x 15)	Wet or Harsh Chemical Environments

Mid-Temperature Self-Regulating Heating Cable

(SLMCAB Series)

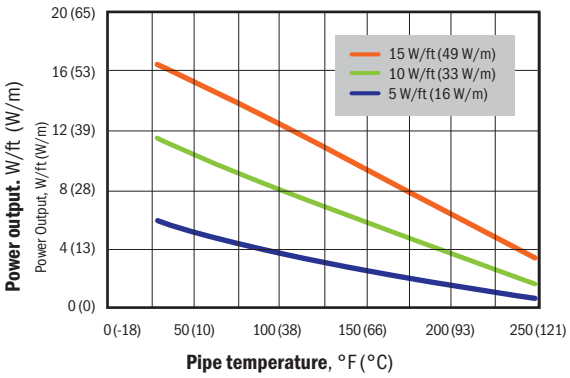
Specification/Application Information:

Maximum Circuit Length ft (m)

Heat Cable Type	Circuit Breaker Size	Start-up Temperature		
		50°F (10°C)	0°F (-18°C)	-40°F (-40°C)
SLMCAB5120	15 amp	150 (46)	135 (41)	130 (40)
	20 amp	200 (61)	180 (55)	170 (52)
	30 amp	240 (73)	220 (67)	210 (64)
SLMCAB5240	15 amp	250 (76)	230 (70)	220 (67)
	20 amp	330 (100)	305 (67)	295 (90)
	30 amp	480 (146)	440 (92)	420 (128)
SLMCAB10120	15 amp	90 (27)	85 (26)	80 (24)
	20 amp	120 (36)	110 (33)	105 (32)
	30 amp	180 (55)	165 (50)	160 (49)
SLMCAB10240	15 amp	140 (43)	130 (40)	125 (38)
	20 amp	190 (58)	175 (53)	170 (52)
	30 amp	280 (85)	260 (79)	250 (76)
SLMCAB15120	15 amp	70 (21)	65 (20)	60 (18)
	20 amp	90 (27)	85 (26)	80 (24)
	30 amp	130 (40)	125 (38)	120 (36)
SLMCAB15240	15 amp	100 (30)	95 (29)	90 (27)
	20 amp	135 (41)	125 (38)	120 (36)
	30 amp	200 (61)	185 (56)	180 (55)

Note: Special consideration must be given for the circuit breaker due to the high initial in-rush currents.

Heat Output - Watts/Ft (Watts/m)



Voltage Adjustment Factor

Output Adjustment Factor		
Product Type	208 VAC	277 VAC
SLMCAB5240	0.78	1.25
SLMCAB10240	0.86	1.16
SLMCAB15240	0.92	1.09

Ordering Information:

Part Number Matrix

SLMCAB	5	120	BF

Watts/ft:
5, 10, 15

Voltage:
120- (110 - 120 VAC), 240- (208 - 277 VAC)

Outer Layer:
B- (Tinned Copper Metal Braid)
BF- (Tinned Copper Metal Braid with Fluoropolymer Overjacket)
BF1- (Tinned Copper Metal Braid with Fluoropolymer Overjacket)

Accessories:

Component		Starting at Page
Power Connection/ Termination Kits		6
Monitor Light Kits		9
Insulation		19

FM Approved SLCAB and SLMCAB Connection/Termination Kits

FM APPROVED

Ordinary Locations
Hazardous (Classified) Locations
Class I, Division 1† and 2, Groups B, C, D
Class II, Division 2, Group F, G
Class III, Division 2

Approvals valid only when used with appropriate heating cable and installation accessories, and installed in accordance with all applicable instructions, codes, and regulations.

† Contact a BriskHeat representative for information on Division I hazardous location systems.

SLCABUC Universal Connection Kit (junction box sold separately)

SLCABKC End Seal Kit

SLCABSK Splice Kit

Ordinary or Class I Division 2 Locations Kits — FM Approved

Part No.	Kit	Compatible with	Enough to Complete	Kit Contents	Required Accessories
SLCABUC	SLCAB Universal Connection Kit - FM Approved	SLCAB Heating Cable	One input connection and two end terminations; or one input power splice	• (1) 0.75 in (19 mm) NPT pipe standoff • (2) Ring terminals • (4) Large, insulated crimp connectors • (2) Small, insulated crimp connectors • (2) Pipe straps — for 2 in to 6 in (51 mm to 152 mm) O.D. pipes • (1) 6 in (152 mm) shrink sleeve • (1) Ground screw • (1) 3 oz (89 ml) tube of RTV sealant • (1) Roll of fiberglass adhesive tape • (1) Caution label	• 0.75 in (19 mm) NPT junction box —with appropriate approvals. See selection of junction boxes on page 7
SLCABSK	SLCAB Splice Kit - FM Approved	SLCAB Heating Cable	Ten tee splices or ten input power connections	• (20) Large yellow crimp connectors • (20) Large blue crimp connectors • (10) Heat shrink tubes • (1) 3 oz (89 ml) tube of RTV sealant	
SLMCABUC	SLMCAB Universal Connection Kit - FM Approved	SLMCAB Heating Cable	One input connection and two end terminations; or one input power splice; or one tee splice	• (1) 0.75 in (19 mm) NPT pipe standoff • (2) Ring terminals • (3) Large, insulated crimp connectors • (2) Small, insulated crimp connectors • (2) Pipe straps — for 2 in to 6 in (51 mm to 152 mm) O.D. pipes • (2) End boots • (1) Ground screw • (1) 3 oz (89 ml) tube of RTV sealant • (1) Roll of fiberglass adhesive tape • (1) Caution label	• 0.75 in (19 mm) NPT junction box —with appropriate approvals. See selection of junction boxes on page 7
SLCABKC	SLCAB End Seal Kit - FM Approved	SLCAB Heating Cable	Ten end terminations	• (10) Heat shrink tubes	
SLMCABKC	SLMCAB End Seal Kit - FM Approved	SLMCAB Heating Cable	Ten end terminations or ten input power connections	• (10) End boots • (4) Rolls of fiberglass adhesive tape • (1) 3 oz (89 ml) tube of RTV sealant	

FM Approved SLCAB and SLMCAB Connection/Termination Kits

SLCABUC1 Class I, Division 1 Power Connection Kit

SLCABKC1 Class I, Division 1 End Termination Kit

Class I Division 1 Kits — FM Approved

Part No.	Kit	Compatible with	Enough to Complete	Kit Contents
SLCABUC1	Class I, Division 1 SLCAB and SLMCAB Power Connection Kit - FM Approved	SLCAB and SLMCAB Heating Cable	One power connection. C1D1 junction box included	• (1) Junction box with cover • (1) Seal fitting • (1) Standoff "T" fitting • (1) 0.75 in (19 mm) NPT threaded plug • (2) 16-14 AWG insulated butt connector • (1) Closed end crimp connector • (1) 3 oz (89 ml) tube of RTV sealant • (1) Sealing compound • (2) Pipe straps — for 2 in to 6 in (51 mm to 152 mm) O.D. pipes • (1) Roll of fiberglass adhesive tape • (1) Caution label
SLCABKC1	Class I, Division 1 SLCAB and SLMCAB End Termination Kit - FM Approved	SLCAB and SLMCAB Heating Cable	One end termination. C1D1 junction box included	• (1) Junction box with cover • (1) Seal fitting • (1) Standoff "T" fitting • (2) 0.75 in (19 mm) NPT threaded plug • (1) 12-10 AWG spade tongue terminal • (1) Silicone rubber boot • (1) Silicone sealant • (1) Sealing compound • (2) Pipe straps — for 2 in to 6 in (51 mm to 152 mm) O.D. pipes • (1) Roll of fiberglass adhesive tape • (1) Caution label

CSA Approved SLCAB and SLMCAB Connection/Termination Kits

Ordinary Locations 2E*, 3(A,B,C), 5(A,B)
Hazardous (Classified) Locations
Class I, Division 1 and 2, Groups B, C, D
Class II, Division 1 and 2, Groups E, F, G
Class III, Division 1 and 2

*2E approved for 3 watts/ft and 5 watts/ft only.

Approvals valid only when used with appropriate heating cable and installation accessories, and installed in accordance with all applicable instructions, codes, and regulations.

SLCABUC-CSA-M Universal Connection Kit
(Junction Box sold separately)

SLCABEND-CSA-2
End Seal Kit

SLCAB-CSA-D1
Class I, Division 1 Accessory Kit

Part No.	Kit	Compatible with	Enough to Complete	Kit Contents	Required Accessories
SLCABUC-CSA-M	Universal Connection Kit - CSA Approved	SLCAB and SLMCAB series heating cable	One input connection and one end termination. Splices and power input splices can be made using two kits.	• (1) Connector body • (1) Connector cap • (2) Connector gland washers • (1) Grommet • (1) Termination boot • (1) Strain relief grip • (1) Standoff bracket • (1) Locknut • (1) Termination block • (1) Roll of fiberglass adhesive tape • (1) Pipe strap —for 2 in to 6 in (51 mm to 152 mm) O.D. pipes • (1) Ring tongue terminal • (1) End seal kits — contents listed below	• 0.75 in NPT junction box —with appropriate approvals • SLCAB-CSA-D1 — if installed in Class I, Division 1 environment
SLCABEND-CSA-2	End Seal Kit - CSA Approved	SLCAB and SLMCAB series heating cable	One end termination	• (1) End cap • (1) Clamp • (1) Sealant • (1) Crimp sleeve	• SLCAB-CSA-D1 — if installed in Class I, Division 1 environment
SLCAB-CSA-D1	Accessory Kit for Class I, Division 1 - CSA Approved	SLCABUC-CSA-M or SLCABEND-CSA-2 Kit	For use with one SLCABUC-CSA-M or SLCABEND-CSA-2 Kit. Required accessory for installations in Class I, Division 1 hazardous-area locations.	• (1) C1D1 Junction box • (1) C1D1 End seal	• One of the above kits

ATEX Approved SLCAB and SLMCAB Connection/Termination Kits

Hazardous Locations
II 2GD
Ex eb IIC Gb
Ex tb IIIC Db
Service temperatures = -34°C to +110°C

Approvals valid only when used with appropriate heating cable and installation accessories, and installed in accordance with all applicable instructions, codes, and regulations.

NEW!

Part No.	Kit	Compatible with	Enough to Complete	Kit Contents	Required Accessories
SLCABUC-EU	Power Connection / End Termination Kit – ATEX Approved	SLCAB and SLMCAB series heating cable	Either one input connection or one end termination	• (1) Pipe Standoff • (1) Sealing grommet – large hole • (1) Sealing grommet – small hole • (1) Sealing gasket • (1) Termination boot • (1) Shrink tube 0.5 in x 5.5 in (12 mm x 140 mm) • (1) Tube of RTV silicone sealant • (1) Lock ring • (1) Adaptor (for installation on pipes smaller than 1 in (25 mm) • Nylon zip tie • (1) End boot	• ATEX /IECEx Approved Junction Box

Junction Boxes and Monitor Light Kits

Monitor Light Kits

Provides an LED end of circuit continuity indications for SLCAB and SLMCAB series self-regulating heating cable.

FM Approved version

Voltage	Part No.
120	**MLKCAB1001**
240	**MLKCAB2001**

FM APPROVED

Ordinary Locations
Hazardous (Classified) Locations
Class I, Division 2, Groups B, C, D
Class II, Division 2, Group F, G
Class III, Division 2

Ordinary locations (NEMA 3R) version

Voltage	Part No.
120	**MLK1001**
240	**MLK2001**

NEMA 3R for ordinary locations. Requires a lead termination kit. Part No. **SLCABLP**

MLK1001
Monitor Light Kit

Junction Boxes

Type	Approvals/Ratings	Dimensions in (mm)	Thread Size in (mm) NPT	Part No.
3 hub metallic junction box with 2 plugs and watertight cover	UL /CSA for ordinary locations NEMA 3R rated	2 x 4.5 x 2.75 (51 x 114 x 70)	0.50 (13)	**JBM050**
			0.75 (19)	**JBM075**
			1.00 (25)	**JBM100**
7 hub cast aluminum junction box with 6 plugs and watertight cover	UL/ CSA for Hazardous Areas. Cl D1 & 2 Groups B,C,D. Cll D1 Groups E,F,G	4.6 x 4.6 x 3.5 (118 x 118 x 89)	0.75 (19)	**JBH075**
			1.00 (25)	**JBH100**

Replacement plugs for 7 hub cast aluminum junction box

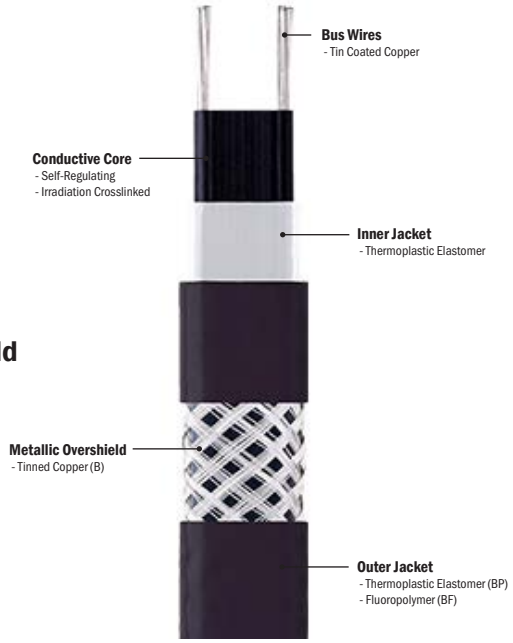
Thread Size in (mm) NPT	Part No.
0.75 in (19 mm)	**P075**
1.00 in (25 mm)	**P100**

JBM075
3 Hub Ordinary Locations Junction Box

JBH075
7 Hub Class I Division 1 Locations Junction Box

Self-Regulating Heating Cable
(SLCBL Series)

- **Ideal for freeze protection, roof and gutter de-icing, snow melting systems, and low temperature process maintenance up to 150°F (65°C)**
- **Automatically adjusts heat output based on surface temperature**
- **Safe to overlap and insulate**
- **Can be cut-to-length and terminated in the field**
- **Moisture, chemical, and flame resistant**



10 YEAR LIMITED WARRANTY

Maintenance Temperatures Up to 149°F (65°C)

Moisture and Chemical Resistant

Specifications:

Maximum Continuous Maintenance Temperature: 150°F (65°C)
Intermittent Exposure Temperature Range: -40°F to 185°F (-40°C to 85°C)
Nominal Power Output at 50°F (10°C): 3, 5, 8, 10, 12 W/ft (10, 16, 26, 33, 39 W/m)
Supply Voltages: 110-120 VAC or 208-277 VAC
Bus Wire Gauge: 16 AWG
Braid Resistance: Tinned copper 0.0055 ohms/ft (0.0182 ohms/m)
T-Rating:
T6: 3, 5, 8, 10 W/ft (10, 16, 26, 33 W/m)
T5: 12 W/ft (39 W/m)
Bend Radius: 0.5 in (12 mm)

NOTE: Electrical equipment T-Rating codes define the maximum surface temperature that equipment will reach. It is used in hazardous (classified) area applications.

c UL us LISTED

Ordinary Locations
-B, -BP Series Only

Embedded de-icing and snow melting systems
-BP Series only

Roof and gutter de-icing and snow melting systems
-BP Series only

c SA us

Ordinary Locations
Hazardous (Classified) Locations
Class I, Division 2, Groups A, B, C, D
Class II, Division 2, Groups E, F, G
Class III

CE

Approvals valid only when used with appropriate heating cable and installation accessories, and installed in accordance with all applicable instructions, codes, and regulations.

Ordering Information:

Part Number Matrix

SLCBL	3	120	BP

Watts/ft:
3, 5, 8, 10, 12

Voltage:
120- (110-120 V), 240- (208-277 V)

Outer Layer:
B- (Tinned Copper Metal Braid)
BP- (Tinned Copper Metal Braid with Thermoplastic Elastomer Overjacket)
BF- (Tinned Copper Metal Braid with Fluoropolymer Overjacket)

Accessories:

Component		Starting at Page
Power Connection/ Termination Kits		6
Monitor Light Kits		9
Insulation		19

Self-Regulating Heating Cable

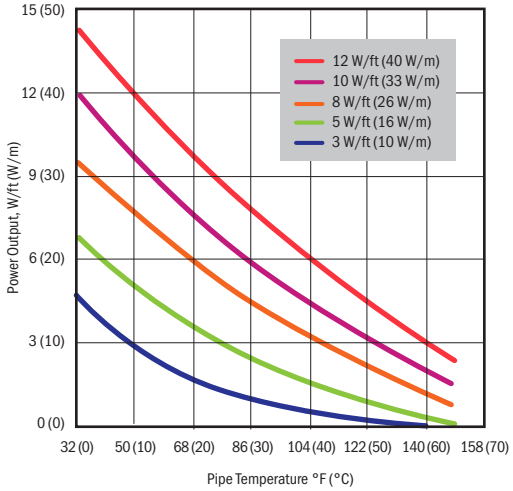
(SLCBL Series)

Maximum Circuit Length in ft (m)

Heating Cable	Circuit Breaker Size	Start-up Temperature 50°F (10°C)	32°F (0°C)	-4°F (-20°C)	-40°F (-40°C)
SLCBL3120	10 amp	240 (73)	200 (61)	140 (43)	115 (35)
	15 amp	320 (98)	300 (91)	220 (67)	190 (58)
	20 amp	330 (101)	320 (98)	265 (81)	225 (69)
	30 amp	330 (101)	320 (98)	280 (85)	265 (81)
	40 amp	330 (101)	320 (98)	280 (85)	265 (81)
SLCBL3240	10 amp	485 (148)	396 (121)	275 (84)	232 (71)
	15 amp	643 (196)	606 (185)	436 (133)	377 (115)
	20 amp	660 (201)	643 (196)	530 (162)	449 (137)
	30 amp	660 (201)	643 (196)	557 (170)	530 (162)
	40 amp	660 (201)	643 (196)	557 (170)	530 (162)
SLCBL5120	10 amp	162 (49)	135 (41)	105 (32)	80 (24)
	15 amp	249 (76)	215 (66)	170 (52)	127 (39)
	20 amp	265 (81)	252 (77)	215 (66)	164 (50)
	30 amp	265 (81)	252 (77)	240 (73)	200 (61)
	40 amp	265 (81)	252 (77)	240 (73)	200 (61)
SLCBL5240	10 amp	324 (99)	269 (82)	209 (64)	160 (49)
	15 amp	498 (152)	429 (131)	337 (103)	255 (78)
	20 amp	530 (162)	505 (154)	433 (132)	328 (100)
	30 amp	530 (162)	505 (154)	480 (146)	400 (122)
	40 amp	530 (162)	505 (154)	480 (146)	400 (122)
SLCBL8120	10 amp	123 (38)	100 (31)	54 (17)	52 (16)
	15 amp	177 (54)	145 (44)	90 (27)	82 (25)
	20 amp	200 (61)	180 (55)	115 (35)	103 (31)
	30 amp	210 (64)	180 (55)	175 (53)	135 (41)
	40 amp	210 (64)	180 (55)	175 (53)	160 (49)
SLCBL8240	10 amp	246 (75)	203 (62)	108 (33)	104 (32)
	15 amp	354 (108)	291 (89)	183 (56)	164 (50)
	20 amp	406 (124)	360 (110)	229 (70)	206 (63)
	30 amp	420 (128)	360 (110)	350 (107)	275 (84)
	40 amp	420 (128)	360 (110)	350 (107)	320 (98)
SLCBL10120	10 amp	75 (23)	55 (17)	45 (14)	35 (11)
	15 amp	121 (37)	85 (26)	65 (20)	55 (17)
	20 amp	150 (46)	105 (32)	80 (24)	70 (21)
	30 amp	155 (47)	120 (37)	105 (32)	85 (26)
	40 amp	180 (55)	155 (47)	105 (32)	105 (32)
SLCBL10240	10 amp	147 (45)	111 (34)	85 (26)	68 (21)
	15 amp	242 (74)	177 (54)	131 (40)	114 (35)
	20 amp	295 (90)	216 (66)	164 (50)	141 (43)
	30 amp	315 (96)	246 (75)	215 (66)	170 (52)
	40 amp	360 (110)	315 (96)	215 (66)	215 (66)
SLCBL12120	10 amp	55 (17)	40 (12)	30 (9)	25 (8)
	15 amp	90 (27)	60 (18)	45 (14)	45 (14)
	20 amp	115 (35)	80 (24)	60 (18)	50 (15)
	30 amp	115 (35)	90 (27)	80 (24)	60 (18)
	40 amp	120 (37)	105 (32)	80 (24)	80 (24)
SLCBL12240	10 amp	111 (34)	78 (24)	59 (18)	49 (15)
	15 amp	183 (56)	124 (38)	91 (28)	85 (26)
	20 amp	229 (70)	160 (49)	124 (38)	98 (30)
	30 amp	229 (70)	180 (55)	158 (48)	120 (37)
	40 amp	240 (73)	210 (64)	158 (48)	158 (48)

Note: Special consideration must be given for the circuit breaker due to the high initial in-rush currents.

Heat Output — Watts/Ft (Watts/m)



Outer Layer Options:

Product Type	Description	Nominal Dimensions [thickness x width] in (mm)	Shipping Weight: 500 ft (152 m) spool lbs (kg)	Location
SLCBL-B	Tinned Copper Metal Braid	0.17 x 0.43 (4.4 x 11.0)	35 (16)	Dry Environments
SLCBL-BP	Tinned Copper Metal Braid with Thermoplastic Elastomer Overjacket	0.23 x 0.50 (6.0 x 12.6)	46 (21)	Wet or Weak Chemical Environments
SLCBL-BF	Tinned Copper Metal Braid with Fluoropolymer Overjacket	0.21 x 0.47 (5.4 x 12.0)	44 (20)	Wet or Harsh Chemical Environments

Voltage Adjustment Factors:

Watt/ft Output Adjustment Factor		
Product Type	**208 VAC**	**277 VAC**
SLCBL3240	0.82	1.13
SLCBL5240	0.85	1.12
SLCBL8240	0.89	1.08
SLCBL10240	0.89	1.08
SLCBL12240	0.89	1.08

Max Circuit Length Adjustment Factor		
Product Type	**208 VAC**	**277 VAC**
SLCBL3240	0.96	1.08
SLCBL5240	0.94	1.09
SLCBL8240	0.92	1.11
SLCBL10240	0.92	1.11
SLCBL12240	0.92	1.11

Mid-Temperature Self-Regulating Heating Cable

(SLMCBL Series)

- **Ideal for freeze protection and mid temperature process maintenance up to 230°F (110°C)**
- **Automatically adjusts heat output based on surface temperature**
- **Safe to overlap and insulate**
- **Can be cut-to-length and terminated in the field**
- **Moisture, chemical, and flame resistant**

10 YEAR LIMITED WARRANTY

Moisture and Chemical Resistant

Temperatures Up to 230°F (110°C)

CE

Specifications:

Maximum Continuous Maintenance Temperature: 230°F (110°C)

Intermittent Exposure Temperature Range: -22°F to 275°F (-30°C to 135°C)

Nominal Power Output at 50°F (10°C): 5, 10, 15, 20 W/ft, (16, 33, 49, 66 W/m)

Supply Voltages: 110-120 VAC or 208-277 VAC

Bus Wire Gauge: 16 AWG

Braid Resistance: Tinned copper 0.0055 ohms/ft (0.0182 ohms/m)

Bend Radius: 0.5 in (12 mm)

Ordering Information:

Part Number Matrix

SLMCBL	5	120	BP

Watts/ft:
5, 10, 15, 20

Voltage:
120- (110-120 V), 240- (208-277 V)

Outer Layer:
B- (Tinned Copper Metal Braid)
BP- (Tinned Copper Metal Braid with Thermoplastic Elastomer Overjacket)
BF- (Tinned Copper Metal Braid with Fluoropolymer Overjacket)

Accessories:

Component		Starting at Page
Power Connection/ Termination Kits		6
Monitor Light Kits		9
Insulation		19

Mid-Temperature Self-Regulating Heating Cable

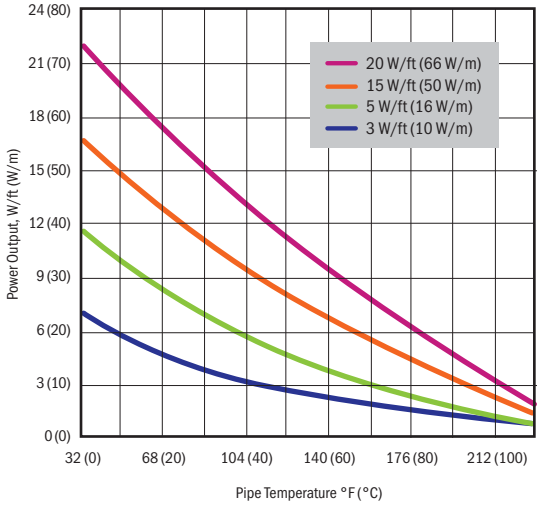
(SLMCBL Series)

Maximum Circuit Length in ft (m)

Heating Cable	Circuit Breaker Size	Start-up Temperature 50°F (10°C)	32°F (0°C)	-4°F (-20°C)	-40°F (-40°C)
SLMCBL5120	10 amp	110 (34)	80 (24)	-	-
	15 amp	133 (41)	105 (32)	98 (30)	90 (27)
	20 amp	195 (59)	160 (49)	148 (45)	138 (42)
	30 amp	210 (64)	195 (59)	170 (52)	165 (50)
	40 amp	210 (64)	195 (59)	183 (56)	180 (55)
SLMCBL5240	10 amp	220 (67)	160 (49)	145 (44)	135 (41)
	15 amp	265 (81)	210 (64)	195 (59)	180 (55)
	20 amp	390 (119)	320 (98)	295 (90)	275 (84)
	30 amp	420 (128)	390 (119)	365 (111)	360 (110)
	40 amp	420 (128)	390 (119)	340 (104)	330 (101)
SLMCBL10120	10 amp	75 (23)	73 (22)	-	-
	15 amp	100 (31)	95 (29)	80 (24)	70 (21)
	20 amp	133 (41)	148 (45)	125 (38)	100 (31)
	30 amp	174 (53)	180 (55)	156 (48)	130 (40)
	40 amp	174 (53)	175 (53)	156 (48)	140 (43)
SLMCBL10240	10 amp	150 (46)	145 (44)	121 (37)	114 (35)
	15 amp	200 (61)	190 (58)	160 (49)	140 (43)
	20 amp	265 (81)	295 (90)	249 (76)	200 (61)
	30 amp	347 (106)	360 (110)	311 (95)	280 (85)
	40 amp	347 (106)	350 (107)	311 (95)	260 (79)
SLMCBL15120	10 amp	57 (17)	51 (16)	-	-
	15 amp	94 (29)	87 (27)	57 (17)	54 (17)
	20 amp	120 (37)	108 (33)	71 (22)	69 (21)
	30 amp	154 (47)	133 (41)	80 (24)	80 (24)
	40 amp	154 (47)	133 (41)	90 (27)	87 (27)
SLMCBL15240	10 amp	114 (35)	101 (31)	68 (21)	65 (20)
	15 amp	187 (57)	173 (53)	114 (35)	108 (33)
	20 amp	239 (73)	216 (66)	141 (43)	137 (42)
	30 amp	308 (94)	265 (81)	180 (55)	173 (53)
	40 amp	308 (94)	265 (81)	160 (49)	160 (49)
SLMCBL20120	10 amp	51 (16)	41 (13)	-	-
	15 amp	82 (25)	72 (22)	51 (16)	49 (15)
	20 amp	102 (31)	90 (27)	67 (20)	61 (19)
	30 amp	131 (40)	115 (35)	84 (26)	74 (23)
	40 amp	150 (46)	128 (39)	110 (34)	95 (29)
SLMCBL20240	10 amp	101 (31)	82 (25)	62 (19)	55 (17)
	15 amp	164 (50)	144 (44)	101 (31)	98 (30)
	20 amp	203 (62)	180 (55)	134 (41)	121 (37)
	30 amp	262 (80)	229 (70)	167 (51)	147 (45)
	40 amp	300 (91)	255 (78)	220 (67)	190 (58)

Note: Special consideration must be given for the circuit breaker due to the high initial in-rush currents.

Heat Output — Watts/Ft (Watts/m)



Outer Layer Options:

Product Type	Description	Nominal Dimensions [thickness x width] in (mm)	Shipping Weight: 500 ft (152 m) spool lbs (kg)	Location
SLMCBL-B	Tinned Copper Metal Braid	0.15 x 0.45 (3.8 x 11.4)	32 (15)	Dry Environments
SLMCBL-BP	Tinned Copper Metal Braid with Thermoplastic Elastomer Overjacket	0.23 x 0.54 (6.0 x 13.6)	37 (17)	Wet or Weak Chemical Environments
SLMCBL-BF	Tinned Copper Metal Braid with Fluoropolymer Overjacket	0.19 x 0.49 (4.8 x 12.4)	47 (21)	Wet or Harsh Chemical Environments

Voltage Adjustment Factors:

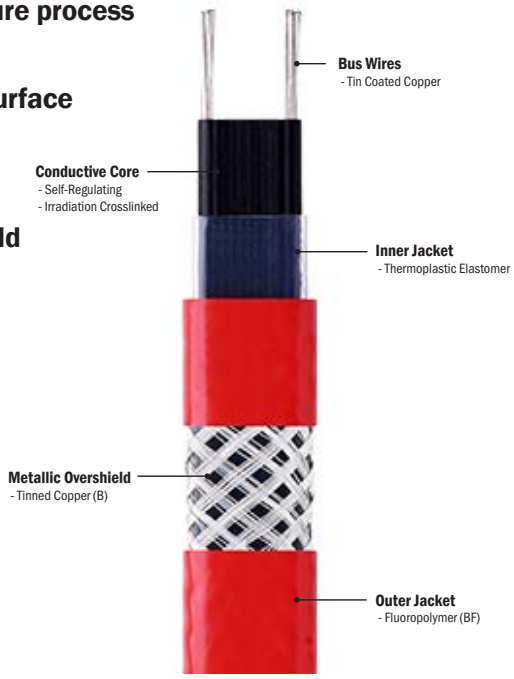
Watt/ft Output Adjustment Factor		
Product Type	**208 VAC**	**277 VAC**
SLMCBL5240	0.84	1.20
SLMCBL10240	0.85	1.18
SLMCBL15240	0.91	1.09
SLMCBL20240	0.90	1.07

Max Circuit Length Adjustment Factor		
Product Type	**208 VAC**	**277 VAC**
SLMCBL5240	0.95	1.04
SLMCBL10240	0.94	1.06
SLMCBL15240	0.91	1.10
SLMCBL20240	0.91	1.11

High-Temperature Self-Regulating Heating Cable

(SLHCBL Series)

- Ideal for freeze protection and high temperature process maintenance up to 248°F (120°C)
- Automatically adjusts heat output based on surface temperature
- Safe to overlap and insulate
- Can be cut-to-length and terminated in the field
- Moisture, chemical, and flame resistant



10 YEAR LIMITED WARRANTY

Moisture and Chemical Resistant

Maintenance Temperatures Up to 248°F (120°C)

Specifications:

Maximum Continuous Maintenance Temperature: 248°F (120°C)

Intermittent Exposure Temperature Range: -22°F to 392°F (-30°C to 200°C)

Nominal Power Output at 50°F (10°C): 5, 10, 15, 20 W/ft (15, 30, 45, 60 W/m)

Supply Voltages: 110-120 VAC or 208-277 VAC

Bus Wire Gauge: 16 AWG

Braid Resistance: Tinned copper 0.0055 ohms/ft (0.0182 ohms/m)

Bend Radius: 0.5 in (12 mm)

CE

Ordering Information:

Part Number Matrix

SLHCBL	5	120	BF

Watts/ft:
5, 10, 15, 20

Voltage:
120- (110-120 V), 240- (208-277 V)

Outer Layer:
B- (Tinned Copper Metal Braid)
BF- (Tinned Copper Metal Braid with Fluoropolymer Overjacket)

Accessories:

Component	Starting at Page
Power Connection/ Termination Kits 	6
Monitor Light Kits 	9
Insulation 	19

High-Temperature Self-Regulating Heating Cable

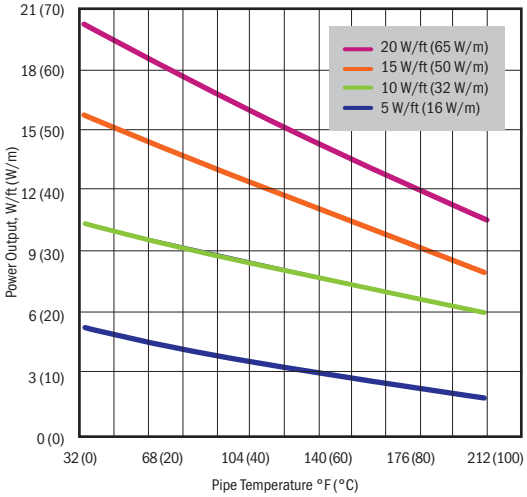
(SLHCBL Series)

Maximum Circuit Length in ft (m)

Heating Cable	Circuit Breaker Size	Start-up Temperature			
		50°F (10°C)	32°F (0°C)	-4°F (-20°C)	-40°F (-40°C)
SLHCBL5120	10 amp	120 (37)	110 (34)	105 (32)	90 (27)
	15 amp	180 (55)	175 (53)	158 (48)	143 (44)
	20 amp	240 (73)	215 (66)	190 (58)	180 (55)
	30 amp	259 (79)	245 (75)	240 (73)	225 (69)
	40 amp	266 (81)	255 (78)	250 (76)	240 (73)
SLHCBL5240	10 amp	240 (73)	220 (67)	210 (64)	180 (55)
	15 amp	360 (110)	350 (107)	315 (96)	285 (87)
	20 amp	479 (146)	430 (131)	380 (116)	360 (110)
	30 amp	518 (158)	490 (149)	480 (146)	450 (137)
	40 amp	531 (162)	510 (155)	500 (152)	480 (146)
SLHCBL10120	10 amp	73 (22)	69 (21)	65 (20)	58 (18)
	15 amp	118 (36)	110 (34)	98 (30)	88 (27)
	20 amp	148 (45)	140 (43)	130 (40)	118 (36)
	30 amp	220 (67)	200 (61)	182 (56)	175 (53)
	40 amp	255 (78)	240 (73)	220 (67)	230 (70)
SLHCBL10240	10 amp	146 (45)	138 (42)	130 (40)	116 (35)
	15 amp	236 (72)	220 (67)	195 (59)	175 (53)
	20 amp	295 (90)	280 (85)	260 (79)	235 (72)
	30 amp	440 (134)	400 (122)	364 (111)	350 (107)
	40 amp	510 (155)	480 (146)	440 (134)	460 (140)
SLHCBL15120	10 amp	50 (15)	47 (14)	42 (13)	40 (12)
	15 amp	75 (23)	65 (20)	63 (19)	60 (18)
	20 amp	100 (31)	90 (27)	83 (25)	80 (24)
	30 amp	143 (44)	135 (41)	125 (38)	120 (37)
	40 amp	190 (58)	175 (53)	168 (51)	160 (49)
SLHCBL15240	10 amp	100 (31)	93 (28)	83 (25)	80 (24)
	15 amp	150 (46)	130 (40)	125 (38)	120 (37)
	20 amp	200 (61)	180 (55)	165 (50)	160 (49)
	30 amp	285 (87)	270 (82)	250 (76)	240 (73)
	40 amp	380 (116)	350 (107)	335 (102)	320 (98)
SLHCBL20120	10 amp	39 (12)	33 (10)	34 (10)	32 (10)
	15 amp	58 (18)	55 (17)	50 (15)	48 (15)
	20 amp	75 (23)	71 (22)	68 (21)	63 (19)
	30 amp	115 (35)	105 (32)	100 (31)	95 (29)
	40 amp	153 (47)	143 (44)	133 (41)	125 (38)
SLHCBL20240	10 amp	77 (24)	70 (21)	67 (20)	63 (19)
	15 amp	115 (35)	110 (34)	100 (31)	95 (29)
	20 amp	150 (46)	142 (43)	135 (41)	125 (38)
	30 amp	230 (70)	210 (64)	200 (61)	190 (58)
	40 amp	306 (93)	286 (87)	265 (81)	250 (76)

Note: **Special consideration must be given for the circuit breaker due to the high initial in-rush currents.**

Heat Output — Watts/Ft (Watts/m)



Outer Layer Options:

Product Type	Description	Nominal Dimensions [thickness x width] in (mm)	Shipping Weight: 500 ft (152 m) spool lbs (kg)	Location
SLHCBL-B	Tinned Copper Metal Braid	0.15 x 0.45 (3.8 x 11.4)	38 (17)	Ordinary applications
SLHCBL-BF	Tinned Copper Metal Braid with Fluoropolymer Overjacket	0.19 x 0.49 (4.8 x 12.4)	47 (21)	For use in strong chemical environments (i.e. strong acids)

Voltage Adjustment Factors:

Watt/ft Output Adjustment Factor		
Product Type	**208 VAC**	**277 VAC**
SLHCBL5240	0.87	1.07
SLHCBL10240	0.88	1.08
SLHCBL15240	0.88	1.08
SLHCBL20240	0.86	1.07

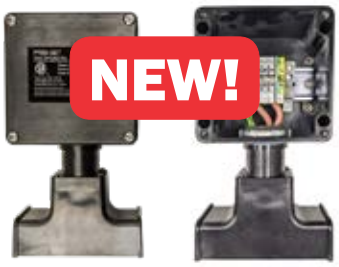
Max Circuit Length Adjustment Factor		
Product Type	**208 VAC**	**277 VAC**
SLHCBL5240	0.99	1.08
SLHCBL10240	0.99	1.06
SLHCBL15240	0.98	1.06
SLHCBL20240	1.00	1.08

SLCBL|SLMCBL|SLHCBL Connection/Termination Kits

For use in Hazardous Area Locations with SLCBL cable only (CSA approved).
For use in non-hazardous area locations with SLCBL, SLMCBL, SLHCBL cable (non-CSA approved).

Approvals valid only when used with appropriate heating cable and installation accessories, and installed in accordance with all applicable instructions, codes, and regulations.

Ordinary Locations
Hazardous (Classified) Locations
Class I, Division 2, Groups A, B, C, D
Class II, Division 2, Groups E, F, G
Class III
SLCBL -BP, -BF series only



PTBS-GET Power Connection Kit with Multiple Entry Junction Box

Benefits

- Installing three heating cables in one junction box saves installation time and money
- Terminal strip secures each wire separately for safe and easy wiring
- Compression fitting tightly secures to a range of power cords – 0.39 to 0.67 in (10 to 17 mm) diameter

EASY to INSTALL

JHE-GET
Low-Profile End Seal Kit

JHT-GET
Low-Profile Tee Connection Kit

Part No.	Kit	Compatible with	Enough to Complete	Kit Contents
PTBS-GET	Power Connection Kit with Multiple Entry Square Junction Box	SLCBL, SLMCBL, SLHCBL Heating Cable	One input connection for one heating cable. Up to three heating cables can be connected to this junction box with optional silicone frog leg expansion kits (sold separately)	• (1) Multiple entry junction box with rail mounted DIN terminal block electrical connections • (1) 3/4 in NPT pipe T-standoff (lower bracket) • (1) Pipe standoff strain relief (upper bracket) • (1) Lock nut • (1) Watertight sealing grommet • (2) Pipe straps – for 2 in to 6 in (51 mm to 152 mm) O.D. pipes • (1) Watertight sealing plug • (1) Silicone frog leg • (1) Green / yellow heat-shrink tube – 0.25 in x 6 in (6 mm x 150 mm) • (1) 0.34 oz (10 ml) tube of RTV sealant
PET-CA-P	Silicone Frog Leg Expansion Kit	SLCBL, SLMCBL, SLHCBL Heating Cable	Used for connecting additional heating cables to PTBS-GET. One expansion kit is required per heating cable	• (1) Silicone frog leg • (1) Green / yellow heat-shrink tube – 0.25 in x 6 in (6 mm x 150 mm) • (1) 0.34 oz (10 ml) tube of RTV sealant
JHE-GET	Low-Profile End Seal Kit	SLCBL, SLMCBL, SLHCBL Heating Cable	One low-profile end seal terminiation	• (1) End seal housing • (1) Watertight sealing grommet • (1) Pressure seal end with screws
JHS-GET	Low-Profile Splice Connection Kit	SLCBL, SLMCBL, SLHCBL Heating Cable	One low-profile splice connection	• (1) In-line splice housing • (2) Watertight sealing gaskets • (2) Housing covers with screws • (2) Watertight sealing grommets • (2) Pressure seal end with screws
JHT-GET	Low-Profile Tee Connection Kit	SLCBL, SLMCBL, SLHCBL Heating Cable	One low-profile tee connection NOTE: This kit does not complete an input power connection	• (1) Tee splice housing • (2) Watertight sealing gaskets • (2) Housing covers with screws • (3) Watertight sealing grommets • (3) Pressure seal end with screws

End of Circuit LED Monitor Light Kit

- **Super bright green LED light confirms at a glance your heat trace cable is energized**
- **Approved for ordinary and hazardous area locations**
- **Voltages up to 240 VAC**

Benefits:

- Excellent visibility from all angles
- Easy-to-install — hot work permit not required for installation
- Easy re-entry for maintenance
- Compatible with up to 4 in (102 mm) of insulation and cladding

Specifications:

Maximum Voltage: 240 VAC
Maximum Current: 32 A
Lumen Output: 10 lumens
Construction: Non-conductive FRP plastic body
Overall Height: 8.2 in (208mm)
Maximum Continuous Exposure Temperature (T5): 212 °F (100 °C)
Ambient Exposure Temperature Range: -40 °F to 149 °F (-40 °C to 65 °C)
Ingress Protection Rating: IP66 / NEMA 4X

C SA US

Ordinary Locations (with SLCBL, SLMCBL, and SLHCBL heating cables)

Hazardous (Classified) Locations (with SLCBL heating cable only)
Class I, Division 2, Groups A, B, C, D
Class II, Division 2, Groups E, F, G
Class III
T5: 3,5,8 W/ft (10, 16, 26 W/m). T6: 10 W/ft (33 W/m)

Approvals valid only when used with appropriate heating cable and installation accessories, and installed in accordance with all applicable instructions, codes, and regulations.

NEW!

Highly Visible Day or Night

Opens easily for light connection and maintenance

Ordering Information:

Part No.	Color	Compatible with	Enough to Complete	Kit Contents
JHE-LG-GET	Green	• SLCBL, SLMCBL, SLHCBL Heating Cable (CSA approved) • SLCAB, SLMCAB Heating Cable (Not CSA approved)	One end of circuit LED monitor light end seal terminiation	• (1) End seal stand and light assembly with O-ring and grommet • (2) 16-14 insulated parallel splice crimp • (1) Silicone lead termination boot • (1) Rubber strain relief grommet • (1) Pipe strap – for 2 in to 6 in (51 mm to 152 mm) O.D. pipes • (1) End seal label
JHE-LR-GET	Red			

SpeedTrace Pre-terminated Self-Regulating Heating Cable

- Automatically adjusts heat output based on surface and ambient temperature
- Easy-to-install: pre-terminated with 3-prong grounded plug (NEMA 5-15P)
- Several heater lengths to choose from

Speedtrace
5 Watts/ft @ 50°F (10°C)
(16 Watts/m)

Length ft (m)	Part No. 120 VAC
6 (1.8)	**FFSL1-6**
12 (3.7)	**FFSL1-12**
18 (5.5)	**FFSL1-18**
24 (7.3)	**FFSL1-24**
50 (15.2)	**FFSL1-50**
100 (30.5)	**FFSL1-100**

SpeedTrace Extreme
8 Watts/ft @ 50°F (10°C)
(26 Watts/m)

60% MORE WATTAGE

Length ft (m)	Part No. 120 VAC
6 (1.8)	**FFSL81-6**
12 (3.7)	**FFSL81-12**
18 (5.5)	**FFSL81-18**
24 (7.3)	**FFSL81-24**
50 (15.2)	**FFSL81-50**
100 (30.5)	**FFSL81-100**

Thermo-Cube Thermostatically Controlled Outlet
(Part No.: THERMO-CUBE)

Power-saving ambient temperature sensing outlet
- Turns on when air temperature drops below 35°F (2°C)
- Turns off when air temperature exceeds 45°F (7°C)
- Saves energy/money and extends the life of the heater
- Suitable for indoor/outdoor use

Wintershield™ Heated Pockets

Removable Freeze Protection for Pumps, Valves, and Gauges

- Universal sizes for a wide variety of devices
- Lace-up openings on three sides makes it easy to install and maneuver around obstructions like pipes, electrical wiring, conduits, and bases/stands
- Built-in thermostat pre-set at 45°F (7°C)
- Extra-durable, water-resistant design — IP54
- Removable and reusable
- Plug and play with extra long 16 ft (5 m) power cord with grounded 3-prong plug (NEMA 5-15P)

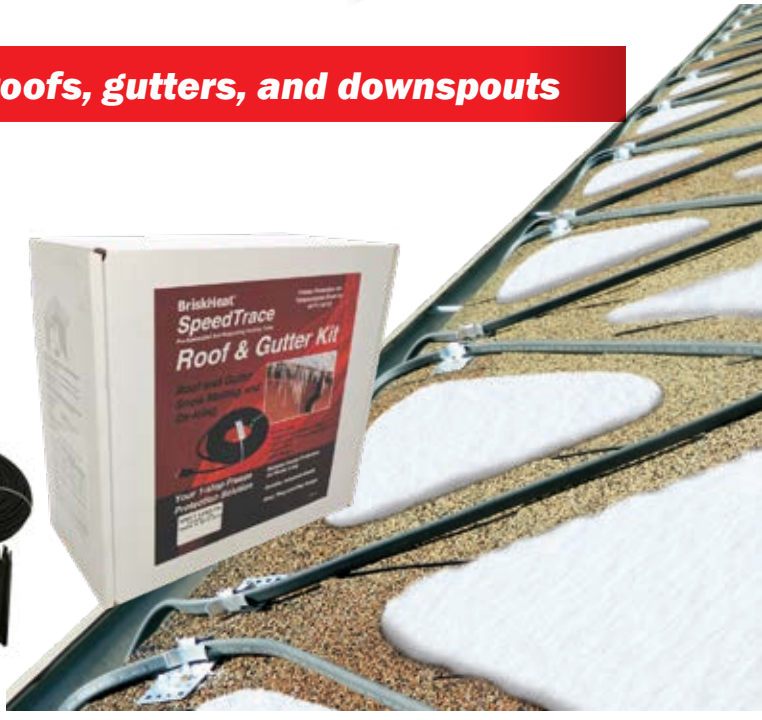
Size	Dimensions in (mm)	Watts	Part No. 120 VAC
Standard	6 x 6 x 7 (152 x 152 x 178)	94	**WSP120V**
Large	14 x 20 x 26 (356 x 508 x 660)	200	**WSP120LGV**

Ideal for melting snow and de-icing roofs, gutters, and downspouts

SpeedTrace Roof and Gutter De-icing Kits

- Durable, long lasting professional-grade self-regulating heating cable
- Suitable for residential, commercial, and industrial roofing applications
- Easy-to-install: pre-terminated with 3-prong grounded plug (NEMA 5-15P)
- Kits include: Speedtrace heating cable, downspout hanger brackets, roof clips, and UV resistant ties

Cable Length ft (m)	Part No. 120 VAC
50 (15.2)	**FFRG15-50**
75 (22.8)	**FFRG15-075**
100 (30.5)	**FFRG15-100**



Complete kit includes everything you need!

Energy-Efficient, Modular Insulator System for Your Pipes

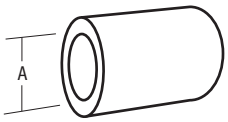
Silver-Series Cloth Insulators

- Removable and reusable — Easy-to-install and reuse
- Configurable system for a wide range of pipe and tank systems
- Thermally-efficient fiberglass insulation — 1 in (25 mm) thick
- Exterior material — Polymer-coated fiberglass with temperature rating of 450°F (232°C). Higher temperature materials available upon request
- Moisture and chemical resistant — IP 54 rated

Straight pipe insulators can be cut-in-the-field

Straight Sections (Cut to length)

Part No.	A ID of Insulator in (mm)
SSIP10V	1.00 (25)
SSIP15V	1.50 (38)
SSIP20V	2.00 (51)
SSIP30V	3.50 (89)
SSIP40V	4.00 (102)

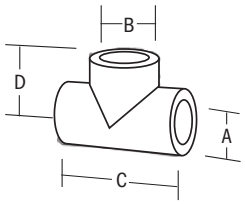


ID= Inner Diameter

Total usable length for each straight insulator is 83 in (2108 mm) –can be cut-to-length in the field in 6 in (152 mm) and 12 in (305 mm) increments

Tees

Part No.	A ID of Insulator in (mm)	B ID of Insulator in (mm)	C Length in (mm)	D Height- Center-line to top in (mm)
SSIT10V	1.50 (38)	1.50 (38)	8.00 (203)	2.00 (51)
SSIT20V	2.00 (51)	2.75 (70)	9.00 (229)	2.63 (67)
SSIT30V	4.25 (108)	3.50 (89)	12.00 (305)	5.13 (130)

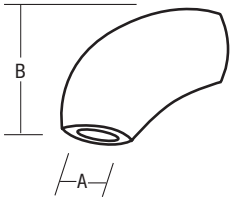


INSULATE

ENERGY EFFICIENCY • PROTECTION

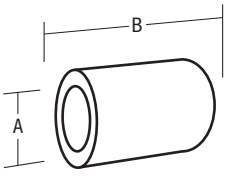
90° Elbows

Part No.	A ID of Insulator in (mm)	B Height in (mm)
SSI9010V	1.25 (32)	5.00 (127)
SSI9020V	1.50 (38)	7.00 (178)
SSI9030V	3.50 (89)	8.50 (216)
SSI9040V	4.50 (114)	11.00 (279)



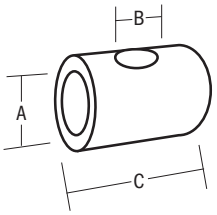
Flanges

Part No.	A ID of Insulator in (mm)	B Length in (mm)
SSIF10V	4.25 (108)	8.00 (203)
SSIF15V	5.00 (127)	8.00 (203)
SSIF20V	6.00 (152)	8.00 (203)
SSIF25V	7.00 (178)	8.00 (203)
SSIF30V	9.00 (229)	8.00 (203)
SSIF40V	11.25 (286)	8.00 (203)



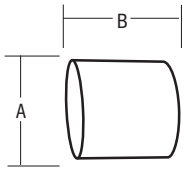
2-way Ball Valve

Part No.	A ID of Insulator) in (mm)	B Opening ID in (mm)	C Length in (mm)
SSIVB102V	4.50 (114)	3.00 (76)	8.00 (203)
SSIVB152V	4.50 (114)	3.00 (76)	8.00 (203)
SSIVB202V	5.25 (133)	2.00 (51)	8.00 (203)
SSIVB302V	7.25 (184)	2.50 (64)	8.00 (203)
SSIVB402V	9.00 (229)	2.50 (64)	8.00 (203)



Seam Covers

Part No.	A ID of Insulator in (mm)	B Length in (mm)
SSIC10V	3.17 (81)	3.25 (83)
SSIC20V	4.00 (102)	3.88 (99)
SSIC30V	5.25 (133)	4.00 (102)
SSIC40V	6.80 (173)	3.88 (99)



Need a Custom Insulator?
BriskHeat Can Design an Insulator to Meet Your Needs.

Selection Guide for SLCBL Accessories Kits

For Hazardous Areas C1D2 and C1D1

Cable Accessory	For Use With	SL Cable Type/Temp (Low/Medium/High)	Quick Connect*	Ordinary Location	cCSAus Cl/D1	cULcus Cl/D1	FM Cl/D1	cCSAus Cl/D2	FM Cl/D2	cULus Cl/D2
Power Connection Kit "PTBS-GET"*	SLCBL	Low	X	cCSAus				X		
In-Line Splice Kit "JHS-GET"	SLCBL	Low	X	cCSAus				X		
Tee Splice Kt "JHT-GET"	SLCBL	Low	X	cCSAus				X		
End Seal Kit "JHE-GET"	SLCBL	Low	X	cCSAus				X		
Monitor Light Kit "JHE-LG-GET"	SLCBL	Low		X				X		
Junction Box "JBH075" (0.75" NPT)	SLCBL	Low						X		
Junction Box "JBH100" (1" NPT)	SLCBL	Low						X		
Pipe Standoff (0.50" NPT)	SLCBL	Low		X				X		X
Pipe Standoff .0.75" NPT)	SLCBL	Low		X				X		X
On/Off Controller "TD101N"	SLCBL	Low		cCSAus						
On/Off Controller "TD101X"	SLCBL	Low		FM, cCSAus					X	
Adjustable Controller "TB111N-325"	SLCBL	Low		cULus		X				X

*Does not require junction box

Selection Guide for SLCAB Accessories Kits

For C1D1 must be SLCAB with BF outer jacket & required accessories

Cable Accessory	For Use With	SL Cable Type/Temp (Low/Medium/High)	Ordinary Location	cCSAus Cl/D1	cULcus Cl/D1	FM Cl/D1	cCSAus Cl/D2	FM Cl/D2	cULus Cl/D2	ATEX & CE***	Includes Jctn Box
Power Connection Kit "SLCABUC"	SLCAB and SLMCAB	Low, Medium	FM				X	X			
Power Connection Kit "SLMCABUC"	SLMCAB	Medium	FM				X				
Power Connection Kit "SLCABUC-CSA-M"**	SLCAB and SLMCAB	Low, Medium	cCSAus				X				
Power Connection Kit "SLCABUC1"	SLCAB and SLMCAB	Low, Medium				X					X
"Cl/D1 Accessory Kit "SLCAB-CSA-D1" for "SLCABUC-CSA-M" or "SLCAB-CSA-2"	SLCAB and SLMCAB	Low, Medium		X							X
Splice Kit "SLCABSK"	SLCAB	Low	FM					X			
Splice Kit "SLMCABUC"	SLMCAB	Medium	FM					X			
End Seal Kit "SLMCABKC"	SLMCAB	Medium	FM					X			
End Seal Kit "SLCABEND-CSA-2"**	SLCAB and SLMCAB	Low, Medium					X				
End Seal Kit "SLCABKC1"	SLCAB and SLMCAB	Low, Medium	FM	X	X						X
Junction Box "JBH075" (0.75" NPT)	All SL Cable	All					X				
Junction Box "JBH075" (0.75" NPT)	SLCAB and SLMCAB	Low, Medium		X							
Pipe Standoff (0.50" NPT)	All SL Cable	All	X				X		X	X	
Pipe Standoff .0.75" NPT)	All SL Cable	All	X				X		X	X	
On/Off Controller "TD101X	All SL Cable	All	FM, cCSAus					X			
Adjustable Controller "TB111N-325"	All SL Cable	Low, Medium	cULus		X				X	X	
Monitor Light Kit 120V "MLKCAB120"	All SLCAB	ALL						X			
Monitor Light Kit 240V "MLKCAB240"	All SLCAB	ALL						X			

**Requires SLCAB-CSA-D1 for CSA Cl/D1

*Does not require junction box

***ATEX EX eb 11C Gb/ Ex tb IIIC Db