

Cartridge Heater — Armor Cable Abrasion Resistant Terminations

Type CS Straight Armor Cable Directly Attached to Sheath

Available on HDC, HDM, and LDC cartridge heaters

The armor cable is directly attached to the cartridge heater, eliminating the coupling, to maintain an overall diameter equal to or smaller than the cartridge diameter.

CSA Galvanized armor cable – minimum diameter: 5/16"

CSB Stainless steel armor cable – minimum diameter: 5/16"

- Minimum 3/8" up to 1" unheated section at the lead end is required.
- Heaters with an OD of 3/4" or larger require reducing diameter washer
- Standard fiberglass lead wire temperature rating
HDC and HDM: 842°F (450°C), LDC: 482°F (250°C)
- **Standard 10" (254 mm) cable over 12" (305 mm) leads.**
Specify longer leads or cable.



Type C1 Straight Armor Cable with Coupling

Available on HDC, HDM, or LDC cartridge heaters

Armor cable provides the maximum in protection for abrasive, jagged environments. The coupling between the cartridge and the armor cable is mechanically fastened or silver brazed.

C1A Galvanized armor cable, mechanically fastened

C1B Stainless steel armor cable, mechanically fastened

- Standard fiberglass lead wire temperature rating 482°F (250°C)

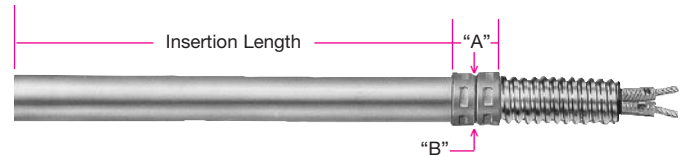
C1C Galvanized armor cable, silver brazed

C1D Stainless steel armor cable, silver brazed

- Standard fiberglass lead wire temperature rating
HDC and HDM: 842°F (450°C), LDC: 482°F (250°C)

- Minimum 3/8" up to 1" unheated section at the lead end is required.
- **Standard 10" (254 mm) cable over 12" (305 mm) leads.** Specify longer leads or cable.

TYPE C1 Fig. 1



C1A and C1B are available through the Hi-Density Cartridge Heater Terminator Program for Same or Next Day Shipping

Dimensions for Type C1

	Diameter		Fig.	"A" Dim.		"B" Dim.		Cable Dia.
	in	mm		in	mm	in	mm	
Hi-Density Cartridge Heaters	1/4	6.35	1	11/16	17.46	5/16	7.94	1/4
	5/16	7.94	1	11/16	17.46	7/16	11.11	1/4
	3/8	9.53	1	11/16	17.46	7/16	11.11	3/8
	1/2	12.70	1	13/16	20.64	9/16	14.29	1/2
	5/8	15.88	1	1	25.40	3/4	19.05	1/2
	3/4	19.05	1	1-1/4	31.75	7/8	22.23	1/2
	1	25.40	2	5/8	15.88	5/8	15.88	1/2
Low-Density Cartridge Heaters	3/16	4.76	—	—	—	—	—	—
	1/4	6.35	1	11/16	17.46	5/16	7.94	1/4
	3/8	9.53	1	11/16	17.46	7/16	11.11	3/8
	1/2	12.70	1	13/16	20.64	9/16	14.29	1/2
	5/8	15.88	2	7/16	11.11	9/16	14.29	1/2
	3/4	19.05	2	1/2	12.70	9/16	14.29	1/2
	7/8	22.23	2	5/8	15.88	9/16	14.29	1/2
	15/16	23.81	2	5/8	15.88	5/8	15.88	1/2
	1	25.40	2	5/8	15.88	5/8	15.88	1/2

TYPE C1 Fig. 2

