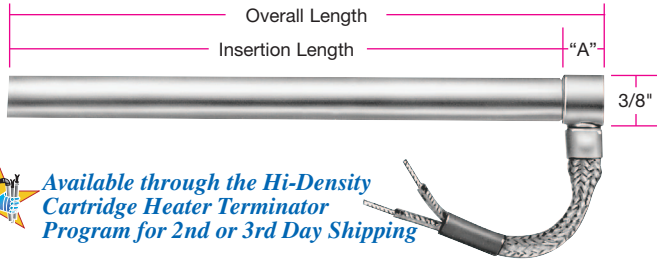


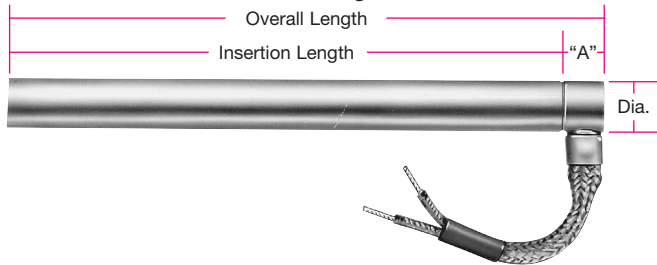
## Right-Angle Terminations


### Cartridge Heater — Flexible Braid Abrasion Resistant Right-Angle Terminations

TYPE W1 Fig. 1



TYPE W1 Fig. 2



 Available through the Hi-Density Cartridge Heater Terminator Program for 2nd or 3rd Day Shipping

#### Type W1 Right-Angle Wire Braided Leads

Available on HDC, HDM, and LDC cartridge heaters

Stainless steel braid over fiberglass leads for abrasion protection, mechanically crimped to the cartridge sheath at 90°. Wire braid offers extreme flexibility not possible with armor cable. Various lead end finishes are available as listed below.

#### W1A Cement potting and silicone varnish, no lead end disc.

- Cement potting temperature rating: 1000°F (538°C)
- Standard lead wire temperature rating: 482°F (250°C)

#### W1B Welded lead end disc.

- Cement potting temperature rating: 1000°F (538°C)
- Standard lead wire temperature rating: 482°F (250°C)
- Minimum 3/8" up to 1" unheated section at the lead end is required.
- **Standard 10" (254 mm) braid over 12" (305 mm) leads.** Specify longer braid or leads.

Dimensions for Type W1

	Diameter		Fig.	"A" Dim.	
	in	mm		in	mm
Hi-Density Cartridge Heaters	1/4	6.35	1	7/16	11.11
	5/16	7.94	1	7/16	11.11
	3/8	9.53	2	7/16	11.11
	1/2	12.70	2	9/16	14.29
	5/8	15.88	2	9/16	14.29
	3/4	19.05	2	9/16	14.29
	1	25.40	2	5/8	15.88

Dimensions for Type W1

	Diameter		Fig.	"A" Dim.	
	in	mm		in	mm
Low-Density Cartridge Heaters	1/4	6.35	1	7/16	11.11
	3/8	9.53	2	7/16	11.11
	1/2	12.70	2	9/16	14.29
	5/8	15.88	2	9/16	14.29
	3/4	19.05	2	9/16	14.29
	7/8	22.23	2	5/8	15.88
	15/16	23.81	2	5/8	15.88
	1	25.40	2	5/8	15.88
	1-1/4	31.75	2	5/8	15.88

### Cartridge Heater — Armor Cable Abrasion Resistant Right-Angle Terminations



#### Type C2 Right-Angle Armor Cable with Copper Elbow

Available on HDC, HDM, and LDC cartridge heaters

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

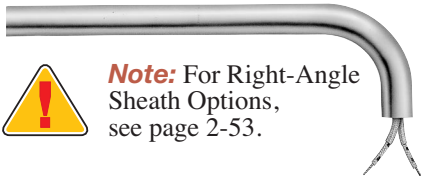
#### C2A Galvanized armor cable, mechanically fastened

#### C2B Stainless steel armor cable, mechanically fastened

#### C2C Galvanized armor cable, silver brazed

#### C2D Stainless steel armor cable, silver brazed

- Minimum 3/8" up to 1" unheated section at the lead end is required.
- 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 cable or leads.



**Note:** For Right-Angle Sheath Options, see page 2-53.

**CONTINUED** 