



**PHILATRON**

WIRE AND CABLE • USA MANUFACTURER  
Manufacturing Solutions with Undeniable Value!



### Custom Coil Manufacturing Request Form

Name: \_\_\_\_\_  
Company: \_\_\_\_\_  
Email: \_\_\_\_\_

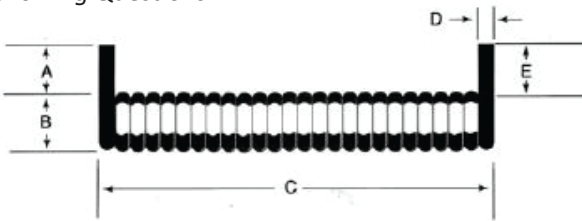
Phone: \_\_\_\_\_  
Fax: \_\_\_\_\_  
Date: \_\_\_\_\_

#### DIMENSIONAL REQUIREMENTS (specify ft. or in.)

**1. Extended (Stretch) Working Length**

Not including leads at ends: \_\_\_\_\_

Use the Following Diagram to answer the Following Questions



**2. Retracted Length (See C)**

Not Critical:  
Minimum Retracted Length: \_\_\_\_\_ Maximum Retracted Length: \_\_\_\_\_

**3. Coiled Diameter (See B)**

Not Critical:  
(Note: the larger the coil diameter, the lower the pull force)  
Maximum coil diameter: \_\_\_\_\_

**4. Cable Diameter (See D)**

Not Critical:  
Minimum Diameter: \_\_\_\_\_ Maximum Diameter: \_\_\_\_\_

**5. Lead Type Left**

Axial  Right Angle

**6. Lead Type Right**

Axial  Right Angle

**7. Lead Length (See A and E)**

Left Side: \_\_\_\_\_ Right Side: \_\_\_\_\_

**8. Jacket Stripping**

None, cut blunt: \_\_\_\_\_  Jacket Only  
Left Side A: \_\_\_\_\_ Right Side E: \_\_\_\_\_

#### Functional Requirements:

**9. What is your application?**

**10. Copper gauge size(s)**

Gauge: \_\_\_\_\_ No. of Conductors: \_\_\_\_\_ Colors: \_\_\_\_\_  
Gauge: \_\_\_\_\_ No. of Conductors: \_\_\_\_\_ Colors: \_\_\_\_\_  
Gauge: \_\_\_\_\_ No. of Conductors: \_\_\_\_\_ Colors: \_\_\_\_\_

**11. Amperage:** \_\_\_\_\_ **Voltage:** \_\_\_\_\_

**12. Copper:**  Bare  Tinned

**13. Shielding Required**  Yes  No

**14. Jacket Color:** \_\_\_\_\_

**15. Environment:**

Outdoors  Indoors

**16. Temperature:**

Not Critical  High  Low

**17. Does your cable require oil and chemical resistance?**  Yes  No

**18. Coil Flexibility Very**  
 Flexible: \_\_\_\_\_  Stiffer: \_\_\_\_\_

**19. Does your coil requires great flexibility?**  
 Soft memory (for manual exertion)  
 Strong memory (extra fast retraction)

**20. Other unusual required properties?**

**21. Is this quotation requested for a coiled cable which you are presently using.**  Yes  No  
If yes, may we have a sample?  Yes  No

**22. Is drawing/sample of your coiled cable available.**  
 Yes  No If yes, may we have a sample?  Yes  No

**23. Estimated Quantity**  
Monthly: \_\_\_\_\_  
Yearly: \_\_\_\_\_

**24. Name of your Philatron contact (if available):** \_\_\_\_\_