

# Enquiry Special Cable

to **Hi-TECH CONTROLS**  
**14853 E. HINSDALE AVE. SUITE D**  
**CENTENNIAL, CO 80112-4240**  
**UNITED STATES OF AMERICA**

**PHONE: 303-680-5159 / 800-677-894**  
**FAX: 303-680-5344**

**WWW.HELUKABEL.COM**

Sender _____
Contact _____
Phone _____ Fax _____

**Enquiry** No. \_\_\_\_\_ **Requirement** \_\_\_\_\_ m  once  continuous  
 Date \_\_\_\_\_ yearly requirement approx. \_\_\_\_\_ m

**Delivery required** \_\_\_\_\_ **Make-up**  Coil \_\_\_\_\_ m  
 Drum \_\_\_\_\_

**Size** \_\_\_\_\_

**Type of Cable** \_\_\_\_\_

**Application** a)  indoor  outdoor  
 b)  stationary  for flexing  with reversed bending / torsion  
 Drag chain: speed \_\_\_\_\_ m/s Acceleration \_\_\_\_\_ m/s<sup>2</sup> Tracing range \_\_\_\_\_ m  
 load  cyclic  non-cyclic  
 c. Temperatures ambient \_\_\_\_\_ °C continuous \_\_\_\_\_ °C intermitted \_\_\_\_\_ °C for \_\_\_\_\_ min / h

**Construction**

**1. Conductor**  Copper  St-Cu  solid  Stranded wire ( \_\_\_\_\_ Ø mm)  
 bare  tinned  silvered  nickel-plated  \_\_\_\_\_  
 No. of cores x cross-section \_\_\_\_\_ x \_\_\_\_\_ mm<sup>2</sup> No. of wires x diam. \_\_\_\_\_ x \_\_\_\_\_ mm  
 No. of cores x cross-section \_\_\_\_\_ x \_\_\_\_\_ mm<sup>2</sup> No. of wires x diam. \_\_\_\_\_ x \_\_\_\_\_ mm  
 No. of cores x cross-section \_\_\_\_\_ x \_\_\_\_\_ mm<sup>2</sup> No. of wires x diam. \_\_\_\_\_ x \_\_\_\_\_ mm

**2. Insulation**  PVC  PE  Cell-PE  PUR  PETP  Rubber  Thermopl. rubber  Silicone  
 ETFE  FEP  PTFE  \_\_\_\_\_

**3. Colour-code**  black with white numbers  with protected conductor green-yellow  
 Colours to DIN 47100  Colours to VDE  
 \_\_\_\_\_

**4. Screening**  Single core  Pairs which core / pair \_\_\_\_\_  
 Cu-bare  Cu-tinned  Cu-silvered  
 as  Braiding  Serving  Alu-Foil (St) Covering approx. \_\_\_\_\_ %  
 Drain wire bare/tinned \_\_\_\_\_ mmØ Stranded drain wire bare/tinned \_\_\_\_\_ mmØ  
 with/without protection against elec. shock, hazard under screen,  
 with/without foil/insulation over screen

**5. Support Element**  Hemp  Polypropylen  galv. Steel  Kevlar  \_\_\_\_\_  
 Tensile load \_\_\_\_\_ N

**6. Centre** \_\_\_\_\_ mmØ  PVC  Polypropylen  \_\_\_\_\_

**7. Stranding**  Cores in layer stranding  twisted in pair  all  \_\_\_\_\_

**8. Inner sheath**  **yes:**  PVC  Rubber  Silicone  Fleece  Foil  \_\_\_\_\_

**9. Overall Screen**  **yes**  Cu-bare  Cu-tinned  Cu-silvered  
 Braiding  Serving  Alu-Foil Covering \_\_\_\_\_ %  
 with/without drain wire / Stranded drain wire \_\_\_\_\_ mmØ / mm<sup>2</sup> bare / tinned

**10. Armouring**  Steel wire galv.

**11. Outer sheath**  PVC  PUR  PETP  PE  Rubber  Thermopl. rubber  Neoprene  
 Silicone  ETFE  FEP  PTFE  \_\_\_\_\_  
 Outer-Ø \_\_\_\_\_ mm Colour \_\_\_\_\_  
 Outerprinting (text) \_\_\_\_\_

**Electrical characteristics** Operating voltage \_\_\_\_\_ V Capacity Cond./Cond. \_\_\_\_\_ pF/m  
 Test voltage \_\_\_\_\_ V Capacity Cond./shield \_\_\_\_\_ pF/m



**Additional details** \_\_\_\_\_

# Enquiry Spiral Cable

to **Hi-TECH CONTROLS**  
**14853 E. HINSDALE AVE. SUITE D**  
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**UNITED STATES OF AMERICA**

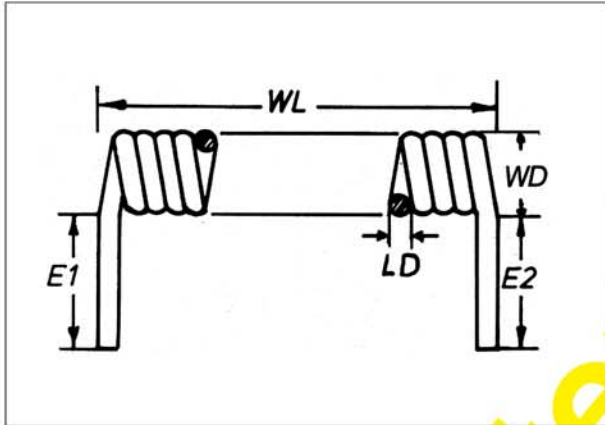
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Phone _____ Fax _____

**Enquiry** No. \_\_\_\_\_  
 Date \_\_\_\_\_

**Requirement** \_\_\_\_\_ pcs  once  continuous  
 yearly requirement approx. \_\_\_\_\_ pcs



... also available with ready moulded or mounted plugs

If you should require a special construction, please enclose a sketch.

- 1. jacket type  PVC  PUR  Neoprene  \_\_\_\_\_
- 2. outer jacket colour \_\_\_\_\_
- 3. type No. of cores x cross section \_\_\_\_\_ x \_\_\_\_\_ mm<sup>2</sup>
- 4. screen  yes: \_\_\_\_\_
- 5. spiral length (WL) closed \_\_\_\_\_ mm
- 6. max. elongation (extended spiral) \_\_\_\_\_ mm
- 7. spiral outer diameter WD \_\_\_\_\_ mm
- 8. internal diameter LD \_\_\_\_\_ mm
- 9. end lengths (axial or tangential) \_\_\_\_\_ mm
- E1 \_\_\_\_\_ mm E2 \_\_\_\_\_ mm

**Remarks** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Characteristics PVC (Polyvinylchloride)**

PVC spiral cables offer a high degree of economy. They are suitable for installation wherever a light duty cable is required.

**Characteristics PUR (Polyurethane)**

Good resistance to chemicals and cold conditions. Good performance characteristics in all weather conditions, excellent mechanical properties such as tear and abrasion resistance, excellent oil resistance.

**Characteristics Neoprene (Polychloroprene)**

Very good weather resistance. Suitable for use in both dry and damp areas. Very good spiral elasticity. Resistant to most types of fats, oils and chemicals. Good performance when subjected to tension, bending, etc.

