

# Enquiry Special Cable

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

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

**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  
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**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** \_\_\_\_\_

