

## Form to determine MV-Separable Connectors

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

Telephone: \_\_\_\_\_ Date: \_\_\_\_\_

E-mail: \_\_\_\_\_ Signature: \_\_\_\_\_

Cable manufacturer: \_\_\_\_\_ Cable type: \_\_\_\_\_

**Voltages:**  $U_O$  (phase/earth) \_\_\_\_\_ kV  $U_N$  (phase/phase) \_\_\_\_\_ kV Max. operating voltage  $U_M$  ( $2 \times U_O$ ) \_\_\_\_\_ kV

**Short circuit current:** 1 sec. short circuit current screen/sheath \_\_\_\_\_ kA

**Cable design:** single core cable  three core cable  single core superflexible cable  three core superflexible cable

**Separable Connectors:** ground-/salt water proof: yes  no  voltage tap: yes  no

**Size of bushing:** Size 0  Size 1  Size 2  Size 3

**1 Conductor:** Material: Cu  Al  Cross section: \_\_\_\_\_ mm<sup>2</sup> Diameter:  $\varnothing$  \_\_\_\_\_ mm  
 Type: stranded circular RM  sector, stranded SM  solid circular RE   
 stranded circular, segment RMS  sector solid SE  superflexible stranded RF

**2 Insulation:** XLPE  PVC  EPR  Diameter over insulation:  $\varnothing$  \_\_\_\_\_ mm

**3 Semi-conducting layer:** Type: fully bonded  easy strip  graphite  Diameter over semi-conducting layer:  $\varnothing$  \_\_\_\_\_ mm

**4 Metallic sheath/screen:** yes  no   
 Type: Copper wire  Copper tape  Lead sheath  Lead sheath/Copper wire   
 Copper-corrugated sheath  Al-corrugated sheath   
 Cross section: \_\_\_\_\_ mm<sup>2</sup> Section thickness: \_\_\_\_\_ mm Diameter over screen:  $\varnothing$  \_\_\_\_\_ mm

**5 Inner sheath:** yes  no  Metallic screen: yes  no  Diameter over inner sheath:  $\varnothing$  \_\_\_\_\_ mm

**6 Armouring:** 1. Armouring: yes  no  Material: Steel  other material   
 Type: Flat conductors  Circular conductors  Band  Diameter over 1. armouring:  $\varnothing$  \_\_\_\_\_ mm  
 2. Armouring: yes  no  Material: Steel  other material   
 Type: Flat conductors  Circular conductors  Band  Diameter over 2. armouring:  $\varnothing$  \_\_\_\_\_ mm

**7 Outer sheath:** Metallic screen: yes  no  Overall diameter:  $\varnothing$  \_\_\_\_\_ mm  
 Conductibility: yes  no

Outdoor installation vertical from on high: yes  no

