

Form to determine HV-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

Size of bushing: Size 4 Size 5-S Size 6 Size 6-S

1 Conductor: Material: Cu Al Cross section: _____ mm² Diameter: \varnothing _____ mm
 Type: stranded circular RM solid circular RE
 stranded circular, segment RMS 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 band Lead sheath Lead sheath/Copper wire
 Copper-corrugated sheath Al-corrugated sheath
 Cross section: _____ mm² Section thickness: _____ mm Diameter over screen: \varnothing _____ mm
 Fibre optic cable in the pipe: yes no

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

