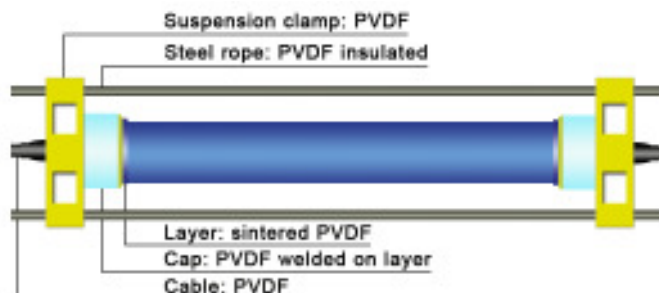


## DATA SHEET

### MAGNETITE ANODE TYPE: MA-CHAIN-2



**Surrounding electrolyte:** chlorine containing soil or stagnant water

**Application fields:** deep groundbeds open hole or closed hole, water tanks

### TECHNICAL DATA

Diameter	60	mm
Total length	740	mm
Effective length	600	mm
Total weight	6.2	kg
Min. effective mass	4.7	kg
Surface area	11.3	dm <sup>2</sup>
Max. current load <sup>1)</sup>	6.0	A
Max. current load <sup>2)</sup>	16.0	A

1) Groundbeds

2) Tanks

**Standard cable types:** PVDF 1 x 10 mm<sup>2</sup>

Cable length to be defined by order.

Other cable types on request.

## DATA SHEET

### PVDF CABLE 1 x 10 mm<sup>2</sup> Cu



## APPLICATION FIELD

**Polyvinylidenfluoride (PVDF) insulated connection cable, for use in highly corrosive environment inside deep groundbeds of cathodic protection systems**

### DESIGN

Conductor: Flexible and annealed copper based on IEC 60228 class 6  
 Separator: PET foil, 12 x 0.036 mm longitudinal folded (no overlap)  
 Insulation: PVDF, black (SOLEF 3410)  
 Marking: ST 1x10 Swedish Magnetite Technology AB

Cross-section of conductor	10 mm <sup>2</sup>
Diameter of conductor	4.2 mm
Thickness of insulation (aapprox.)	2.6 mm
Min. thickness of insulation	1.8 mm
Overall diameter +/-0.2 mm	9.5 mm
Curren carrying capacity at 50° C	55 A
Weight (approx.)	20 kg/100 m

### TESTING

Voltage test on each drum: acc. to IEC 60502-1  
 Resistance of conductor, max. 1.84 Ω/km