

DATA SHEET

MAGNETITE ANODE TYPE: MA-CHAIN-1



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 ²
Max. current load ¹⁾	6.0	A
Max. current load ²⁾	16.0	A

1) Groundbeds

2) Tanks

Standard cable types: PVDF 1 x 10 mm²

Cable length to be defined by order.

Other cable types on request.

DATA SHEET

PVDF CABLE 1 x 10 mm² 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 ²
Diameter of conductor	4.2	mm
Thickness of insulation (approx.)	2.6	mm
Min. thickness of insulation	1.8	mm
Overall diameter +/-0.2 mm	9.5	mm
Current 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