Cu/PVDF/HMWPE

Areas of Use

Positive Cable is electrically connected (directly or indirectly) to the positive output terminal of an ICCP power supply, including impressed current anode cables. CP Cable is used as direct earth burial DC feeder cable in cathodic protection systems.

Cable Construction

Conductor	Stranded Annealed Copper (IEC/EN 60228, Class 2)
Insulation	Polyvinylidene Fluoride (PVDF) (Black)
Outer Sheath	High Molecular Weight Polyethylene (Black) Acc. to ASTM D1248 Type 3, Class C, Category 5, IEC 60502, ST7
Reference Standards	17-SAMSS-017

Technical Properties

Operating Voltage	0.6/1 kV
Test Voltage	3.5 kV
Temperature Range	Operation: -30°C...+90°C, Installation: -5°C...+70°C
Conductor Resistance	IEC/EN 60228
Min. Bending Radius	10 x Cable Diameter

Cross Section

Configuration / Cross-Section (mm/mm²)	Cable Diameter (mm) (± 5%)	Copper Weight (kg / km)	~ Cable Weight (kg / km)
1 x 2.5*	6,3	22	55
1 x 4*	6,9	35	80
1 x 6*	7,4	52	95
1 x 10*	8,1	93	140
1 x 16	9,5	145	200
1 x 25	10,2	192	260
1 x 35	11,7	312	390
1 x 50	13,1	415	500
1 x 70	15,1	606	730
1 x 95*	16,3	820	950
1 x 120*	19	1060	1250
1 x 150*	21,9	1350	1590