

## SnCu/PVDF/HMWPE



### Areas of Use

CP Cable is used as direct earth burial DC feeder cable in cathodic protection systems to protect against galvanic and electrolytic corrosion of metallic objects - such as storage tanks, pipelines, wells and ocean vessels - that are buried or submerged in water.

### Cable Construction

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

### Technical Properties

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

### Cross Section

Configuration / Cross-Section (mm/mm <sup>2</sup> )	Cable Diameter (mm) (± 5%)	Copper Weight (kg / km)	~ Cable Weight (kg / km)
1 x 2.5*	6,30	22	55
1 x 4*	6,90	35	70
1 x 6*	7,40	55	95
1 x 10*	8,10	90	140
1 x 16	9,50	145	200
1 x 25	10,30	195	260
1 x 35	11,90	315	390
1 x 50	13,10	420	510
1 x 70	15,50	615	740
1 x 95*	17,40	852	1.000
1 x 120*	19,00	1.060	1.250
1 x 150*	21,90	1.345	1.590

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