

## 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

|                     |   |
|---------------------|---|
| Conductor           | Stranded Annealed Tinned Copper (IEC 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/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                    |

**Legal Warning:** The information in this catalog is for marketing purposes. 2M Kablo can change this catalog during product development and any requirements. 2M Kablo can always change designs, technical specifications, images and other informations in this catalog without any notice. This catalog is only a guide and is valid at the time of download, not valid for an offer or contract.  
If you need more information about the products in this catalog, please contact us via [info@2mkablo.com](mailto:info@2mkablo.com) or call +90 (212) 222 8250.