

## SnCu/HMWPE



### Areas of Use

HMWPE cable is electrically connected (directly or indirectly) to the negative output terminal of a cathodic protection power supply. This includes bond cables to a cathodically protected structure. CP Cable is used as direct earth burial DC feeder cable in cathodic protection systems.

### Cable Construction

<b>Conductor</b>	Stranded Annealed Tinned Copper (IEC 60228, Class 2)
<b>Insulation</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>	7.5 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*	7,6	22	70
1 x 4*	8,2	35	85
1 x 6*	8,7	55	110
1 x 10*	9,4	90	150
1 x 16	10,3	145	210
1 x 25	11,9	210	300
1 x 35	13,2	315	410
1 x 50	14,4	420	530
1 x 70	17,0	615	755
1 x 95	17,8	852	1.005
1 x 120	20,5	1.060	1.290
1 x 150*	23,8	1.345	1590
1 x 185	24,4	1.702	1.850
1 x 240	28,3	2.230	2.400

**19.04.2026 19:41**

**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.