

## Aquamate - round cables for waste water immersion

### Construction

- Conductor: Bare cooper complying with CEI EN 60228  
Class 5
- Core insulation and identification: XLPE  
Up to 5 cores according to HD 308 S2  
From 6 cores black numbered with green/yellow (VDE 0293-JZ)
- Jacket: CPE elastomer  
Colour black RAL 9005

### Technical Data

- Operating voltage: 0,6/1kV
- Insulation resistance: > 200 MΩ.Km
- Operating temperature:
  - Fixed application: - 40°C to 85°C
  - Min. Installation temperature: - 25°C
  - Max. temperature in water: + 40°C
  - Max. temperature on conductor: + 90°C
- Maximum tensile force:
  - Fixed application: 4 x outer diameter
  - Flex. application: 6 x outer diameter
- Min. bending radius:
  - Fixed application: 5 x outer diameter
  - Flex. application: 6 x outer diameter

### Properties

- Resistance to mineral oils: According to EN 50363-2-2
- Resistance to water: According to AD8
- Constructions standards: EN 50525-2-21,  
IEC 60502-1, EN 50363
- UV resistant

| cores x cross-section [mm] | nominal diameter [mm +/- 5%] | Cu-Weight [Kg/km] | cable mass [Kg/km] | Article Number |
|----------------------------|------------------------------|-------------------|--------------------|----------------|
| 1x1,5                      | 5,8                          | 15                | 43                 | 6505011510     |
| 2x1,5                      | 9,2                          | 28,8              | 114                | 6505021510     |
| 3G1,5                      | 9,7                          | 43,2              | 111,5              | 6505031510     |
| 4G1,5                      | 10,6                         | 57,6              | 136,5              | 6505041510     |
| 7G1,5                      | 15,1                         | 101               | 280                | 6505071510     |

| cores x cross-section [mm] | nominal diameter [mm +/- 5%] | Cu-Weight [Kg/km] | cable mass [Kg/km] | Article Number |
|----------------------------|------------------------------|-------------------|--------------------|----------------|
| 12G1,5                     | 18,3                         | 173               | 420                | 6505121510     |
| 18G1,5                     | 21,4                         | 260               | 593                | 6505181510     |
| 24G1,5                     | 25                           | 346               | 785                | 6505241510     |

- Weitere Anfertigungen auf Anfrage
- Alle Angaben ohne Gewähr