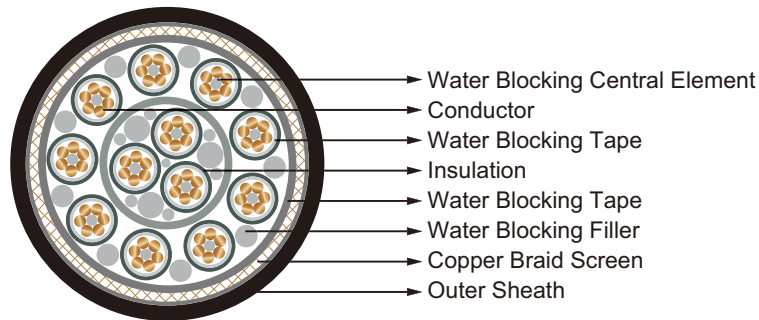




### Longitudinally Water Blocked Cable



### Application

These outboard installation cables for naval vessels are transversally water blocked and longitudinally completely water blocked, designed according to VG 95218 part 29.

### Construction

- **Conductor:** Copper conductor, fine stranded.
- **Central Element:** Water-blocking central element.
- **Separator:** Water-blocking tape.
- **Insulation:** Special elastomer.
- **Fillers:** Water-blocking filler.
- **Separator:** Water-blocking tape.
- **Screen:** Copper braid with tinned wires.
- **Sheath:** Cross linked halogen free flame retardant compound.

### Electrical Data

#### 500V

Number of Cores × Nominal Cross Section Area No. × mm <sup>2</sup>	Maximum Transfer impedance m Ω /m
2×1.5	30
3×1.5	30
3G1.5	30
7×1.5	30



## Low Voltage Water Blocked Cables

[www.caledonian-cables.co.uk](http://www.caledonian-cables.co.uk)

Number of Cores × Nominal Cross Section Area	Maximum Transfer impedance
No. × mm <sup>2</sup>	m Ω /m
4×2×0.75	30
12×0.75	30
12×1.5	30
24×1.5	30

## Dimension and Weight

### 500V

Number of Cores × Nominal Cross Section Area	Maximum Single Core Diameter	Minimum Sheath Thickness	Minimum Overall Diameter	Maximum Overall Diameter	Maximum Weight
No. × mm <sup>2</sup>	mm	mm	mm	mm	kg/km
2×1.5	3.4	2.0	12.6	13.2	200
3×1.5	3.4	2.0	13.4	13.8	250
3G1.5	3.4	2.0	13.4	13.8	250
7×1.5	3.4	1.5	15.7	16.2	430
4×2×0.75	2.5	2.0	20.6	21.2	560
12×0.75	2.5	2.0	18.5	19.1	540
12×1.5	3.4	2.0	20.9	21.5	700
24×1.5	3.4	2.0	28.1	28.7	1230

