

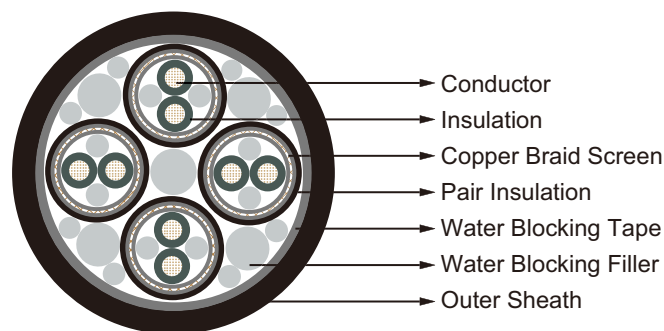


## Low Voltage Water Blocked Cables

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

### Pair Screened & Insulated Partially Longitudinally Water Blocked Cable

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### Application

These outboard installation cables for naval vessels are transversally water blocked and longitudinally completely water blocked (all wires are not water blocked), designed according to VG 95218 part 29.

### Construction

- **Conductor:** Copper conductor, fine stranded.
- **Insulation:** Special elastomer.
- **Cable Element:** Pairs.
- **Individual Screen:** Pairs are screened with tinned copper wire braid.
- **Pair Insulation:** Special elastomer.
- **Fillers:** Water-blocking fillers.
- **Separator:** Water-blocking tapes.
- **Sheath:** Cross linked halogen free flame retardant compound.



### Electrical Data

#### 500V

Number of Cores × Nominal Cross Section Area	Maximum Transfer impedance
No. × mm <sup>2</sup>	m Ω /m
4×2×0.75	15
8×2×0.75	15
10×2×0.75	15
27×2×0.38	15
12×2×0.38	15

### 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
4×2×0.75	1.9	1.7	20.5	20.9	530
8×2×0.75	1.9	2.0	26.1	26.5	880
10×2×0.75	1.9	2.0	32.3	32.9	1350
27×2×0.38	1.3	2.5	42.1	42.7	1800
12×2×0.38	1.9	2.0	30.6	31.2	1190

