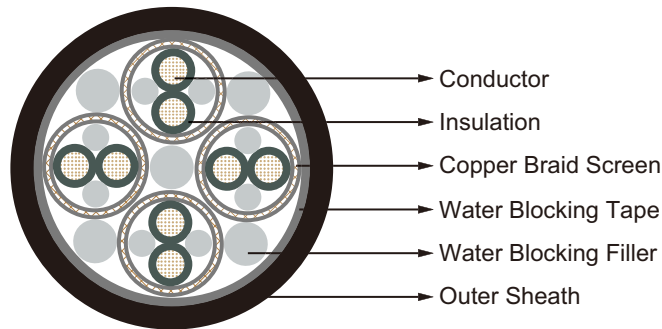




## Low Voltage Water Blocked Cables

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

### Pair Screened Partially Longitudinally Water Blocked Cable



#### 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.
- **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 No. × mm <sup>2</sup>	Maximum Transfer impedance m Ω /m
4×2×0.75	15
7×2×0.75	15
8×2×0.75	15
10×2×0.75	15
27×2×0.38	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	17.8	18.4	430
7×2×0.75	1.9	2.0	19.8	20.4	650
8×2×0.75	1.9	2.0	22.1	22.7	720
10×2×0.75	1.9	2.0	26.3	26.9	900
27×2×0.38	1.3	2.5	34.1	34.7	1500

