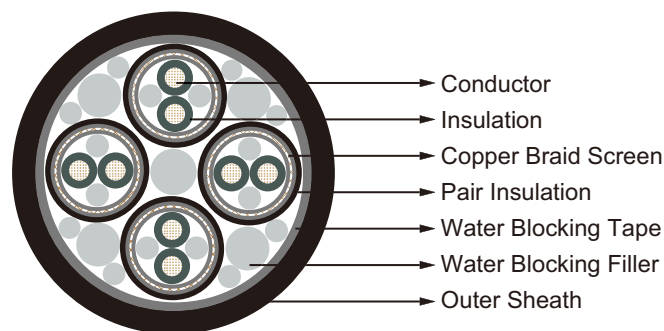




Low Voltage Water Blocked Cables

www.caledonian-cables.co.uk

Pair Screened & Insulated 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.
- **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 ²	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 ²	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

