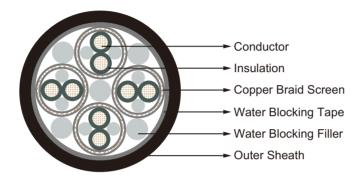
Low Voltage Water Blocked Cables

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	Maximum Transfer impedance	
No. × mm ²	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	



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Dimension and Weight

500V

Number of Cores × Nominal	Maximum Single	Minimum Sheath	Minimum Overall	Maximum Overall	Maximum Weight
Cross Section Area	Core Diameter	Thickness	Diameter	Diameter	
No. × mm ²	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



