

Marine Cable & Offshore Cable - EPR Individually Screened - BS6883, UKOOA - 0.75mm² to 1.5mm²



Description

The EPR marine cable is primarily designed for fixed wiring installations in ships and other offshore units. These can be installations such as safety and emergency lighting, shut down control systems, gas detectors, alarm systems and fire pump systems. They are particularly ideal for social areas such as control rooms, computer suites and accommodation / kitchen facilities.

Key Features



Voltage Rating
150/250 Volts



Minimum Bending Radius
10 x Overall Diameter



Flame Retardancy
BS EN 60332-1-2



Temperature Limits
Temperature Range: -40°C to 70°C

Core Colours

Numbered Cores

Pairs - Black White

Triples - Black White Red

Quad - Black White Red Blue

Sheath Colour Grey or Blue

Standards

- IEC/EN 61034-1/2,
- BS EN/IEC 60332-1-2
- IEC/EN 60754-1/2
- BS EN/IEC 60228
- IEC 60331-21

Construction

- **Conductor:** Up to 1.5mm Class 1 solid copper, Above 1.5mm Class 2 stranded copper
- **Insulation:** EPR GP4 insulation laid in Pairs triples or quads. Wrapped in polyester tape
- **Bedding:** LSZH (Low smoke Zero Halogen)
- **Screen:** Collective Aluminium/mylar tape with 0.5mm drain wire
- **Bedding:** Low Smoke Zero Halogen (LSZH)
- **Armour:** Galvanised Steel Wire Braid (GSWB)
- **Outer Sheath:** SW4 Low smoke zero Halogen (LSZH)

QA Lab

Cleveland Cable Test & Training Lab

Our state-of-the-art cable testing facility ensures that every cable meets the highest standards of quality and compliance through continuous, rigorous testing. Where applicable, cables are independently tested and certified by BASEC to ensure full compliance.



CPR

Cleveland Cable Company is committed to compliance with the Construction Products Regulation (CPR). Where applicable, all cables manufactured after 1st July 2017 have been assessed in accordance with CPR requirements, with full supporting documentation available.



Our Sustainability Commitment

We are committed to the journey to Net Zero as a business partner, an employer and a community member.

By thinking and acting sustainably, we deliver excellent customer service while reducing carbon emissions in collaboration with our customers and suppliers.



ecovadis

Cleveland Cable Company has been independently assessed by EcoVadis, a globally recognised provider of business sustainability ratings. Our score places us among the top 35% of companies evaluated worldwide, reflecting our strong commitment to environmental, social, and ethical performance

ecovadis

Marine Cable & Offshore Cable - EPR Individually Screened - BS6883, UKOOA - 0.75mm² to 1.5mm² - Dimensions

Reference	Conductor Size (mm ²)	No Of Cores	No Of Pairs	Stranding(mm)	UKOOA Code	Sheath Colour	Weight(Kg/Km)
KHL00	0.75	20 Pair	20	24/0.2	KHL00	BLUE	1670
KHK00	0.75	12 Pair	12	24/0.2	KHK00	BLUE	1110
KHJ00	0.75	7 Pair	7	24/0.2	KHJ00	BLUE	720
KHH00	0.75	3 Pair	3	24/0.2	KHH00	BLUE	430
KKL00	0.75	20 Pair	20	24/0.2	KKL00	GREY	1670
KKK00	0.75	12 Pair	12	24/0.2	KKK00	GREY	1110
KKJ00	0.75	7 Pair	7	24/0.2	KKJ00	GREY	720
KKH00	0.75	3 Pair	3	24/0.2	KKH00	GREY	430
KHX00	0.75	1QUAD	1 Quad	24/0.2	KHX00	BLUE	310
KKX00	0.75	1QUAD	1 Quad	24/0.2	KKX00	GREY	310
KHF00	0.75	1 Pair	1	24/0.2	KHF00	BLUE	230
KKF00	0.75	1 Pair	1	24/0.2	KKF00	GREY	230
KHX01	1	1QUAD	1 Quad	7/0.4	KHX01	BLUE	340
KKX01	1	1QUAD	1 Quad	7/0.4	KKX01	GREY	340
KHF01	1	1 Pair	1	7/0.4	KHF01	BLUE	240
KKF01	1	1 Pair	1	7/0.4	KKF01	GREY	240
KHF03	1.5	1 Pair	1	7/0.67	KHF03	GREY	330
KHL02	1.5	20 Pair	20	7/0.53	KHL02	BLUE	2430
KHK02	1.5	12 Pair	12	7/0.53	KHK02	BLUE	1700
KHJ02	1.5	7 Pair	7	7/0.53	KHJ02	BLUE	980
KHH02	1.5	3 Pair	3	7/0.53	KHH02	BLUE	560
KKL02	1.5	20 Pair	20	7/0.53	KKL02	GREY	2430
KKK02	1.5	12 Pair	12	7/0.53	KKK02	GREY	1700
KKJ02	1.5	7 Pair	7	7/0.53	KKJ02	GREY	980
KKH02	1.5	3 Pair	3	7/0.53	KKH02	GREY	560
KHX02	1.5	1QUAD	1 Quad	7/0.53	KHX02	BLUE	370
KKX02	1.5	1QUAD	1 Quad	7/0.53	KKX02	GREY	370
KHF02	1.5	1 Pair	1	7/0.53	KHF02	BLUE	290
KKG02	1.5	2 Pair	2	7/0.53	KKG02	GREY	370
KHG02	1.5	2 Pair	1	7/0.53	KHG02	GREY	370
KKF02	1.5	1 Pair	1	24/0.2	KKF02	GREY	290

UK00A/BS7917 MGT MARINE CABLE - ELECTRICAL PROPERTIES

NOMINAL CROSS SECTIONAL AREA	MUTUAL CAPACITANCE			MINIMUM INSULATION RESISTANCE AT 20°C	MAXIMUM L/R RATIO	MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C
	CABLES WITH COLLECTIVE SCREEN ONLY	1 PAIR, 2 PAIRS OR 1 TRIPLE COLLECTIVELY SCREENED	CABLES WITH INDIVIDUALLY SCREENED PAIRS			
(MM ²)	pF/m	pF/m	pF/m	mΩ/KM	μH/Ω	Ω/KM
0.50	75	115.00	115	>5	25	39
0.75	75	115.00	115	>5	25	26
1.00	75	115.00	115	>5	25	18.1
1.50	85	120.00	120	>5	40	12.1

THE INFORMATION CONTAINED WITHIN THIS DATASHEET IS FOR GUIDANCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE OR LIABILITY. WE BELIEVE THE INFORMATION IS CORRECT AT THE TIME OF PUBLICATION. PLEASE NOTE WHEN SELECTING CABLE ACCESSORIES THAT ACTUAL CABLE DIMENSIONS MAY VARY DUE TO MANUFACTURING TOLERANCES.