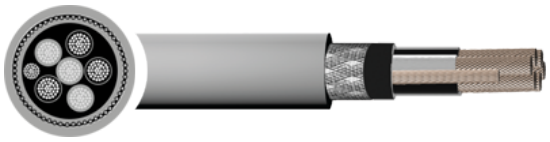
Marine Cable & Offshore Cable - EPR Overall Screened - BS6883, UKOOA - 0.75mm² to 1.5mm²



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
6 x overall diameter

Flame Retardancy
BS EN/IEC 60332-3-22

Temperature Limits
Temperature Range: -40 to 90°C

Core Colours

Numbered Cores

Pairs - Black | White

Triples - Black | White | Red

Quad - Black | White | Red | Blue

Standards

- UKOOA
- BS6883
- IEC/EN 61034-1/2,
- IEC/EN 60754-1/2
- BS EN/IEC 60332-3-22
- IEC 60331-21

Construction

- **Conductor**: Class 5 tinned copper
- **Insulation**: Ethylene Propylene Rubber (EPR) Type GP4
- **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

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

Reference	Conductor Size (mm2)	No Of Cores	No Of Pairs	Stranding(mm)	UKOOA Code	Sheath Colour	Weight(Kg/Km)
KGU00	0.75	12 Triple	12 Triple	24/0.2	KGU00	BLUE	1290
KJU00	0.75	12 Triple	12 Triple	24/0.2	KJU00	GREY	1290
KGT00	0.75	7 Triple	7 Triple	24/0.2	KGT00	BLUE	820
KJT00	0.75	7 Triple	7 Triple	24/0.2	KJT00	GREY	820
KGS 0.00	0.75	3 Triple	3 Triple	24/0.2	KGS00	BLUE	510
KJS00	0.75	3 Triple	3 Triple	24/0.2	KJS00	GREY	510
KGL00	0.75	20 Pair	20	24/0.2	KGL00	BLUE	1570
KGK00	0.75	12 Pair	12	24/0.2	KGK00	BLUE	1000
KGJ00	0.75	7 Pair	7	24/0.2	KGJ00	BLUE	660
KGH00	0.75	3 Pair	3	24/0.2	KGH00	BLUE	420
KJL00	0.75	20 Pair	20	24/0.2	KJL00	GREY	1570
KJK00	0.75	12 Pair	12	24/0.2	KJK00	GREY	1000
KJJ00	0.75	7 Pair	7	24/0.2	KJJ00	GREY	660
KJH00	0.75	3 Pair	3	24/0.2	KJH00	GREY	420
KJT02	1.5	7 Triple	7 Triple	7/0.50	KJT02	GREY	1100
KJS02	1.5	3 Triple	3 Triple	7/0.50	KJS02	GREY	680
KGL02	1.5	20 Pair	20	7/0.53	KGL02	BLUE	2130
KGK02	1.5	12 Pair	12	7/0.53	KGK02	BLUE	1470
KGJ02	1.5	7 Pair	7	7/0.53	KGJ02	BLUE	850
KGH02	1.5	3 Pair	3	7/0.53	KGH02	BLUE	520
KJL02	1.5	20 Pair	20	7/0.53	KJL02	GREY	2130
KJK02	1.5	12 Pair	12	7/0.53	KJK02	GREY	1470
KJJ02	1.5	7 Pair	7	7/0.53	KJJ02	GREY	850
KJH02	1.5	3 Pair	3	7/0.53	KJH02	GREY	520

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.