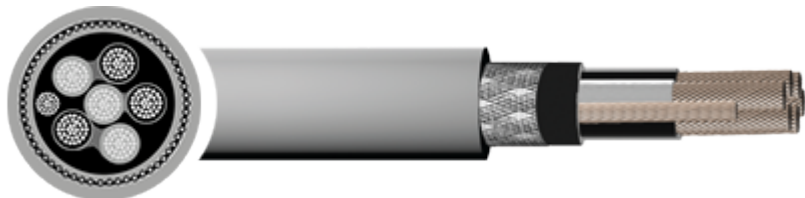


Marine Cable & Offshore Cable - EPR Individually Screened - BS6883, UKOOA



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
As Per Manufacturers Datasheet

Construction

- **Conductor:** Tinned stranded circular copper conductor
- **Insulation:** EPR GP4 insulation laid in Pairs triples or quads. Wrapped in polyester tape
- **Bedding:** LSF Flame retardant halogen free bedding
- **Drain Wire:** Tinned Copper
- **Screen:** Individually screened with aluminium backed polyester tape
- **Sheath:** Low smoke zero halogen (LSZH) SW4
- **Armour:** Galvanised steel wire armour braid with PET tape over armour
- **Sheath Colour:** Blue or Black
- **Sheath Colour:** Grey

Standards

- BS6883, UKOOA, IEC60332-1, IEC60332-3-22, IEC60754-1, 2, IEC61034-1, 2

Core Colours

Numbered Cores

Pairs - Black White

Triples - Black White Red

Quad - Black White Red Blue

Marine Cable & Offshore Cable - EPR Individually Screened - BS6883, UKOOA - Dimensions

Reference	Conductor Size (mm2)	No Of Pairs	No Of Cores	Stranding(mm)	UKOOA Code	Sheath Colour	Weight(Kg/Km)
KHL00	0.75	20	20 Pair	24/0.2	KHL00	BLUE	1670
KHK00	0.75	12	12 Pair	24/0.2	KHK00	BLUE	1110
KHJ00	0.75	7	7 Pair	24/0.2	KHJ00	BLUE	720
KHH00	0.75	3	3 Pair	24/0.2	KHH00	BLUE	430
KKL00	0.75	20	20 Pair	24/0.2	KKL00	GREY	1670
KKK00	0.75	12	12 Pair	24/0.2	KKK00	GREY	1110
KKJ00	0.75	7	7 Pair	24/0.2	KKJ00	GREY	720
KKH00	0.75	3	3 Pair	24/0.2	KKH00	GREY	430
KHX00	0.75	1 Quad	1QUAD	24/0.2	KHX00	BLUE	310
KKX00	0.75	1 Quad	1QUAD	24/0.2	KKX00	GREY	310
KHF00	0.75	1	1 Pair	24/0.2	KHF00	BLUE	230
KKF00	0.75	1	1 Pair	24/0.2	KKF00	GREY	230
KHX01	1	1 Quad	1QUAD	7/0.4	KHX01	BLUE	340
KKX01	1	1 Quad	1QUAD	7/0.4	KKX01	GREY	340
KHF01	1	1	1 Pair	7/0.4	KHF01	BLUE	240
KKF01	1	1	1 Pair	7/0.4	KKF01	GREY	240
KHF03	1.5	1	1 Pair	7/0.67	KHF03	GREY	330
KHL02	1.5	20	20 Pair	7/0.53	KHL02	BLUE	2430
KHK02	1.5	12	12 Pair	7/0.53	KHK02	BLUE	1700
KHJ02	1.5	7	7 Pair	7/0.53	KHJ02	BLUE	980
KHH02	1.5	3	3 Pair	7/0.53	KHH02	BLUE	560
KKL02	1.5	20	20 Pair	7/0.53	KKL02	GREY	2430
KKK02	1.5	12	12 Pair	7/0.53	KKK02	GREY	1700
KKJ02	1.5	7	7 Pair	7/0.53	KKJ02	GREY	980
KKH02	1.5	3	3 Pair	7/0.53	KKH02	GREY	560
KHX02	1.5	1 Quad	1QUAD	7/0.53	KHX02	BLUE	370
KKX02	1.5	1 Quad	1QUAD	7/0.53	KKX02	GREY	370
KHF02	1.5	1	1 Pair	7/0.53	KHF02	BLUE	290
KKG02	1.5	2	2 Pair	7/0.53	KKG02	GREY	370
KHG02	1.5	1	2 Pair	7/0.53	KHG02	GREY	370
KKF02	1.5	1	1 Pair	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.

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