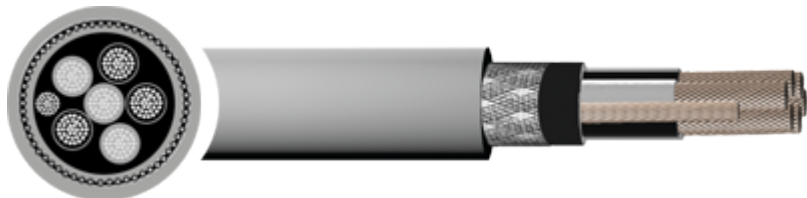


Marine Cable & Offshore Cable - EPR Overall Screened - BS6883, UKOOA



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
- **Inner Sheath:** PET tape and rubberised polyamide tape
- **Screen:** Collective 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 Overall Screened - BS6883, UKOOA - Dimensions

Reference	Conductor Size (mm2)	No Of Pairs	No Of Cores	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
KGS00	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	20 Pair	24/0.2	KGL00	BLUE	1570
KGK00	0.75	12	12 Pair	24/0.2	KGK00	BLUE	1000
KGJ00	0.75	7	7 Pair	24/0.2	KGJ00	BLUE	660
KGH00	0.75	3	3 Pair	24/0.2	KGH00	BLUE	420
KJL00	0.75	20	20 Pair	24/0.2	KJL00	GREY	1570
KJK00	0.75	12	12 Pair	24/0.2	KJK00	GREY	1000
KJJ00	0.75	7	7 Pair	24/0.2	KJJ00	GREY	660
KJH00	0.75	3	3 Pair	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	20 Pair	7/0.53	KGL02	BLUE	2130
KGK02	1.5	12	12 Pair	7/0.53	KGK02	BLUE	1470
KGJ02	1.5	7	7 Pair	7/0.53	KGJ02	BLUE	850
KGH02	1.5	3	3 Pair	7/0.53	KGH02	BLUE	520
KJL02	1.5	20	20 Pair	7/0.53	KJL02	GREY	2130
KJK02	1.5	12	12 Pair	7/0.53	KJK02	GREY	1470
KJJ02	1.5	7	7 Pair	7/0.53	KJJ02	GREY	850
KJH02	1.5	3	3 Pair	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			
(MM²)	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.

For more information contact: 01642 241 133

