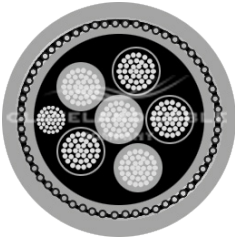


EPR INSULATED OVERALL SCREENED MARINE CABLE UKOOA



APPLICATION

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.

CABLE STANDARDS

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

CONSTRUCTION

Conductor: Tinned stranded circular copper conductor

Insulation: EPR GP4 insulation laid in Pairs, triples or quads. Wrapped in polyester tape

Screen: Collective screened with aluminium backed polyester tape

Drain Wire: Tinned Copper

Bedding: LSF Flame retardant halogen free bedding

Inner Sheath: PET tape and rubberised polyamide tape

Armouring: Galvanised steel wire armour braid with PET tape over armour

Sheath: Low Smoke Zero Halogen (LSZH) SW4

Sheath Colour: Grey, Blue or Black

CHARACTERISTICS

Voltage Rating: 150/250 Volts

Temperature Limits: -40°C (fixed installation) to +90°C

Minimum Bending Radius: As per cable manufacturer datasheet

CORE IDENTIFICATION (NUMBERED CORES)

Pairs: Black White

Triples: Black White Red

Quads: Black White Red Blue

Should not be installed at temperatures below -15°C

EPR INSULATED OVERALL SCREENED CABLE - DIMENSIONS

CCC CODE	CONDUCTOR SIZE (MM ²)	STRANDING (MM)	NO OF CORES	WEIGHT (KG/KM)	SHEATH COLOUR	UKOOA CODE
KJH00	0.75	24/0.2	3Pair	420	GREY	KJH00
KJI00	0.75	24/0.2	5Pair	562	GREY	KJI00
KJJ00	0.75	24/0.2	7Pair	660	GREY	KJJ00
KJK00	0.75	24/0.2	12Pair	1000	GREY	KJK00
KJL00	0.75	24/0.2	20Pair	1570	GREY	KJL00
KGH00	0.75	24/0.2	3Pair	420	BLUE	KGH00
KGJ00	0.75	24/0.2	7Pair	660	BLUE	KGJ00
KGK00	0.75	24/0.2	12Pair	1000	BLUE	KGK00
KGL00	0.75	24/0.2	20Pair	1570	BLUE	KGL00
KJS00	0.75	24/0.2	3Triple	510	GREY	KJS00
KGS00	0.75	24/0.2	3Triple	510	BLUE	KGS00
KJT00	0.75	24/0.2	7Triple	820	GREY	KJT00
KGT00	0.75	24/0.2	7Triple	820	BLUE	KGT00
KJU00	0.75	24/0.2	12Triple	1290	GREY	KJU00
KGU00	0.75	24/0.2	12Triple	1290	BLUE	KGU00
KJU01	1	32/0.2	12Triple	1200	GREY	KJU01
KJG02	1.5	30/0.25	2Pair	400	GREY	KJG02
KJH02	1.5	30/0.25	3Pair	520	GREY	KJH02
KJI02	1.5	30/0.25	5Pair	760	GREY	KJI02
KJJ02	1.5	30/0.25	7Pair	850	GREY	KJJ02
KJ10P02	1.5	30/0.25	10Pair	1232	GREY	KJ10P02
KJK02	1.5	30/0.25	12Pair	1470	GREY	KJK02
KJL02	1.5	30/0.25	20Pair	2130	GREY	KJL02
KGH02	1.5	30/0.25	3Pair	520	BLUE	KGH02
KGJ02	1.5	30/0.25	7Pair	850	BLUE	KGJ02
KGK02	1.5	30/0.25	12Pair	1470	BLUE	KGK02
KGL02	1.5	30/0.25	20Pair	2130	BLUE	KGL02
KJS02	1.5	30/0.25	3Triple	680	GREY	KJS02
KJT02	1.5	30/0.25	7Triple	1100	GREY	KJT02
KJU02	1.5	30/0.25	12Triple	1200	GREY	KJU02
KJF03	2.5	7/0.67	1Pair	310	BLACK	KJF03

EPR INSULATED OVERALL SCREENED CABLE – ELECTRICAL CHARACTERISTICS

NOMINAL CROSS SECTIONAL AREA (MM ²)	MUTUAL CAPACITANCE pF/m			MINIMUM INSULATION RESISTANCE AT 20°C MOHMS/KM	MAXIMUM L/R RATIO MH/OHMS	MAXIMUM RESISTANCE CONDUCTOR AT 20°C Ω/KM
	CABLES WITH COLLECTIVE SCREEN ONLY	1 PAIR, 2 PAIRS, 1 TRIPLE COLLECTIVELY SCREENED	CABLES WITH INDIVIDUALLY SCREENED PAIRS			
0.5	75	115	115	>5	25	39
0.75	75	115	115	>5	25	26
1	75	115	115	>5	25	18.1
1.5	85	120	120	>5	40	12.1

THE ABOVE IS IN ACCORDANCE WITH 18TH EDITION OF IET WIRING REGULATIONS.



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.