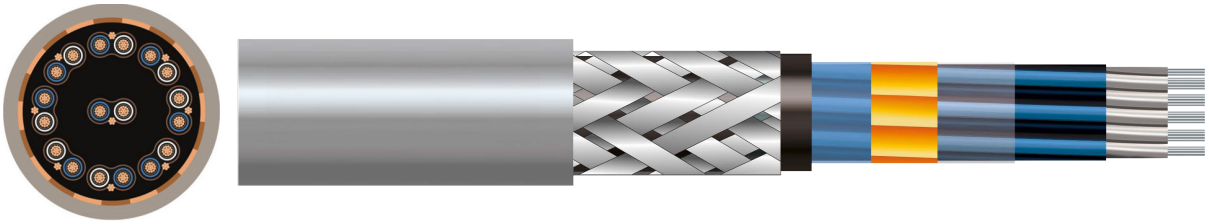
BFOU(I) INSTRUMENTATION CABLE 250V ZH MUD RESISTANT



NEK606 BFOU is a high-performance offshore cable engineered for rigorous applications where safety and reliability are paramount. BFOU is fire-resistant, flame-retardant, and halogen-free, ensuring compliance with strict safety standards for fixed installations in demanding offshore environments. Engineered to withstand harsh offshore conditions, including exposure to drilling mud, moisture, and oil, it guarantees long-term durability in challenging environments.

CONDUCTOR	Tinned Copper
STRANDING	Class 2
INSULATION	MGT+EPR
INDIVIDUAL SCREEN	Individual Copper Mylar
BEDDING	LSZH
ARMOUR	Tinned Copper Wire Braid
OUTERSHEATH	SHF2
OUTERSHEATH COLOUR	Blue, Grey
RATED VOLTAGE	250V
CORE IDENTIFICATION	Pairs: black, blue and numbered Triples: black, blue, brown and numbered
OPERATING TEMPERATURE	90°C
STANDARDS	NEK 606, IEC 60092-353, EN 60228, IEC 60331, IEC 60332-3-22, IEC 60332-1-2, IEC 61034-2, IEC 60754-1/2, EN 60079-14:2013 clause 9.3.2a
APPROVALS	

SPECIFICATION DATA

Pairs

BATT Part No Grey	BATT Part No Blue	No of pairs	Conductor area	Conductor diameter	Insulation thickness	Under armour diameter	Nominal diameter overall	Min bending radius	Weight
67789	67783	1	0.75	1.1	0.6	9.1	13.0	52	259
67754	67832	2	0.75	1.1	0.6	13.7	17.7	71	479
67473	67047	4	0.75	1.1	0.6	15.9	20.5	82	655
67806	67924	8	0.75	1.1	0.6	20.3	25.7	102	860
67889	68460	12	0.75	1.1	0.6	24.3	30.1	120	1165
67842	67013	16	0.75	1.1	0.6	28.1	34.3	137	1550
-	68437	19	0.75	1.1	0.6	30.3	36.7	147	1740
67805	68503	24	0.75	1.1	0.6	33.6	40.3	161	2075
67284	67658	1	1.5	1.6	0.7	10.02	14.1	56	310
67802	67808	2	1.5	1.6	0.7	15.5	20.2	81	616
67790	68464	4	1.5	1.6	0.7	18.1	23.1	92	861
67792	67791	8	1.5	1.6	0.7	23.4	29.1	116	1117
67793	67794	12	1.5	1.6	0.7	28.4	34.6	139	1593
67036	67795	16	1.5	1.6	0.7	32.3	39.0	156	2030
-	67466	19	1.5	1.6	0.7	35.0	41.6	166	2261
67849	68446	24	1.5	1.6	0.7	39.3	46.5	186	2830

Triples

BATT Part No Grey	BATT Part No Blue	No of triples	Conductor area	Conductor diameter	Insulation thickness	Under armour diameter	Nominal diameter overall	Min bending radius	Weight
67753	67829	1	0.75	1.1	0.6	9.6	13.5	54	281
67902	-	2	0.75	1.1	0.6	15.0	19.6	78	574
67004	68552	4	0.75	1.1	0.6	17.4	22.5	90	795
67843	67183	8	0.75	1.1	0.6	23.5	29.0	116	1075
67850	-	12	0.75	1.1	0.6	27.6	33.8	135	1491
-	-	16	0.75	1.1	0.6	31.8	38.2	153	1933
67830	67831	1	1.5	1.6	0.7	10.8	14.6	59	341
67418	67212	2	1.5	1.6	0.7	17.1	21.9	88	742
67000	-	4	1.5	1.6	0.7	20.0	25.1	100	1015
67878	67475	8	1.5	1.6	0.7	27.0	33.0	123	1450
68466	-	12	1.5	1.6	0.7	32.3	38.9	132	2044
-	-	16	1.5	1.6	0.7	36.7	43.6	156	2932

Conductors

Nominal cross sectional area	Maximum resistance of conductor at 20°C	
mm	Class 2	Class 5
0.5	36.7	40.1
0.75	24.8	26.7
1.0	18.2	20.0
1.5	12.2	13.7
2.5	7.56	8.21

Electrical Characteristics

Nominal cross sectional area	Single Core	2 Core	3 & 4 Core	5 Core

1	18	15	13	11
1.5	23	20	16	13
2.5	30	26	21	18

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