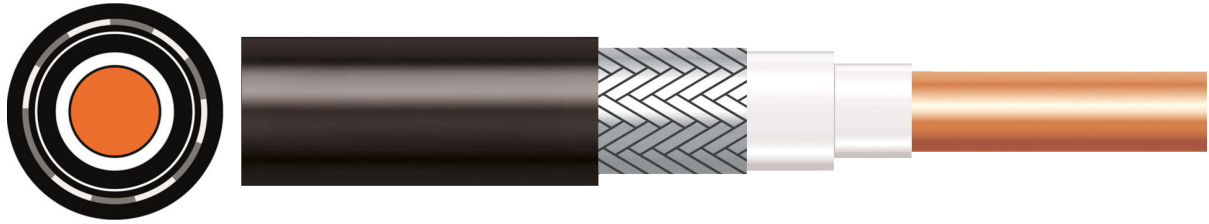





BFOU POWER ZH MUD RESISTANT



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
BEDDING	LSZH
ARMOUR	Tinned Copper Wire Braid
OUTERSHEATH	SHF2
OUTERSHEATH COLOUR	Black
RATED VOLTAGE	0.6/1kV
CORE IDENTIFICATION	<p>1 core: off-white 2 cores: off-white and black 3 cores: off-white, black and red 4 cores: off-white, black, red and blue 5 cores and above: white and numbered</p> <p>Core colours (with green/yellow core): 3 cores: blue, brown, G/Y 4 cores: black, brown, grey, G/Y 5 cores: black, brown, grey, blue, G/Y</p>
OPERATING TEMPERATURE	90°C
STANDARDS	NEK 606, IEC 60092-353, IEC 60332-1-2, IEC 60332-3-22, IEC 60331-1, IEC 60754-1/2, IEC 61034-1/2, CSA C 22.2, EN 60079-14:2013 clause 9.3.2a
APPROVALS	  

SPECIFICATION DATA

BATT Part No Standard Cores	BATT Part No Green/Yellow Cores	No of cores	Nominal cross sectional area of conductor (mm ²)	Conductor diameter (mm)	Insulation thickness (mm)	Diameter under armour (mm)	Approx overall diameter (mm)	Current rating as 45°C	Weight (kg/km)
68008	-	1	6	-	-	-	-	-	-
67983	-	1	16	4.8	1.0	10.8	15	93	437
68537	-	1	35	7.1	1.2	13.5	18.5	147	730
67820	-	1	50	8.3	1.4	14.9	20.3	180	927
67083	-	1	70	10.0	1.4	17.0	22.6	283	1187
67844	-	1	95	11.7	1.6	18.6	24.4	285	1487
67088	-	1	120	13.0	1.6	20.0	26.0	333	1773
67093	-	1	150	14.3	1.8	21.9	28.1	386	2139
67854	-	1	185	16.3	2.0	24.0	30.4	444	2563
67919	-	1	240	18.7	2.2	-	33.7	528	3232
67414	-	1	300	21.7	2.4	29.8	36.6	612	3921
67752	-	2	1.5	1.6	1.0	11.2	15.5	23	353
67751	-	2	2.5	2.0	1.0	12.3	16.5	31	411
67412	-	2	4	2.6	1.0	13.9	18.1	43	501
67864	-	2	6	3.2	1.0	14.9	19.3	55	589
67996	-	2	10	3.8	1.0	16.3	21.6	75	794
67425	-	2	16	4.8	1.0	18.5	24.3	100	1037
67236	68417	3	1.5	1.6	1.0	11.9	16.1	20	389
67220	67182	3	2.5	2.0	1.0	13.0	17.2	28	458
67444	68389	3	4	2.6	1.0	14.7	19.0	37	565
67422	68434	3	6	3.2	1.0	15.8	20.7	47	685
67672	68399	3	10	3.8	1.0	17.3	22.6	65	930
67838	68433	3	16	4.8	1.0	19.7	25.5	87	1236
67274	68438	3	25	6.3	1.2	23.4	29.2	110	1706
67773	68407	3	35	7.1	1.2	25.8	32.0	137	2149
67922	-	3	50	8.3	1.4	29.0	36.0	167	2872
67957	-	3	70	10.0	1.4	33.5	41.1	214	3816
67916	-	3	95	11.7	1.6	36.8	45.3	259	4940
68324	-	3	120	13.0	1.6	40.3	49.5	301	6039
68497	-	3	150	14.3	1.8	44.7	55.1	347	7641
67999	-	3	185	16.3	2.0	49.2	61.2	397	9517
67760	67144	4	1.5	1.6	1.0	12.9	17.1	20	442
67750	67263	4	2.5	2.0	1.0	14.1	18.4	28	526
67784	67050	4	4	2.6	1.0	16.1	20.7	37	680
67264	67291	4	6	3.2	1.0	17.3	22.1	47	814
67828	67162	4	10	3.8	1.0	18.9	24.3	65	1092
67799	67044	4	16	4.8	1.0	21.6	27.5	87	1468
67858	68439	4	25	6.3	1.2	25.7	31.5	110	2045
67559	68440	4	35	7.1	1.2	28.3	34.6	137	2596
67917	68384	4	50	8.3	1.4	31.9	38.9	167	3489
67898	68505	4	70	10.0	1.4	37.0	44.6	214	4653
67771	68506	4	95	11.7	1.6	40.7	49.2	259	6054
67289	67012	4	120	13.0	1.6	44.5	53.7	301	7415
-	68463	4	185	-	-	-	-	-	-
68388	68461	5	1.5	1.59	1.0	13.5	18.0	12	490
-	68360	5	2.5	2.5	1.0	14.7	19.8	17	630

-	68390	5	4	3.3	1.0	16.6	22.0	28	800
-	68391	5	6	4.0	1.0	18.5	23.0	36	891
-	68392	5	10	4.5	1.0	20.5	25.0	50	1174
-	68358	5	16	5.5	1.0	23.0	29.0	67	1583
-	68357	5	25	7.0	1.2	28.0	34.0	89	2330
-	68416	5	35	7.9	1.2	30.6	36.7	110	3010
-	68356	5	50	-	-	36.5	42.5	137	4100
-	68415	5	70	10.7	1.4	40.0	47.5	169	5270
-	68532	5	95	-	-	46.0	54.0	205	7700
-	68016	5	150	-	-	-	-	-	-
67258	-	7	1.5	1.6	1.0	15.5	20.2	11	606
67759	-	7	2.5	2.0	1.0	16.8	21.4	15	720
67772	-	12	1.5	1.6	1.0	20.3	25.9	9	1028
67837	-	12	2.5	2.0	1.0	22.1	27.7	13	1236
67845	-	19	1.5	1.6	1.0	23.8	29.6	8	1356
67095	-	19	2.5	2.0	1.0	26.1	31.9	11	1670
67888	-	27	1.5	1.6	1.0	28.7	34.9	7	1885
67102	-	27	2.5	2.0	1.0	31.5	37.8	9	2332
68400	-	37	1.5	1.6	1.0	32.4	39.0	6	2357

The information in this datasheet is for guidance only and subject to change without liability. Images provided are representations; actual cable dimensions may vary due to manufacturing tolerances.

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