

150/250V NEK606 FIRE RESISTANT CABLE BFOU(c) INSTRUMENTATION CABLE



CONDUCTOR

Tinned annealed stranded copper IEC 60228 class 2

VOLTAGE RATING

150/250V

INSULATION

MGT (Mica glass tape), halogen free EPR (Ethylene Propylene Rubber) compound

OPERATING TEMPERATURE

Max. 90°C, Cold bend -40°C / Cold impact -35°C

INSULATION COLOR (CORE IDENTIFICATION)

Pairs: Black & Blue

Triples: Black, Blue & Brown

STANDARDS

Halogen Free Properties : IEC 60754-1

Flame Retardant : IEC 60332

Fire Resistance : IEC 60331

Smoke Density : IEC 61034-1.2

TWISTING

Two / Three insulated cores shall be twisted together to form a pair/triple

NEK 606: offshore installation halogen-free or mud-resistant

SCREEN

CCM (collective copper mylar) and a TCWB (Tinned copper wire braid)

TYPE APPROVALS

ABS, DNV

Meets the UV resistance requirements of UL1581 or HD605 part 2.5.12

OUTER SHEATH

Type: SHF2 MUD, thermoset dual compound, halogen free and mud resistant

APPLICATION

Mud & fire resistant cable for control, instrumentation and telecommunications.

SHEATH COLOR

Grey. Blue for intrinsically safe

No. of Pairs / Triples x Nominal Cross Sectional Area	Conductor Diameter	Insulation Thickness	Diameter Under Armour	Overall Nominal Diameter	Min. Bending Radius	Net Weight Approx.	Max Conductor Resistance at 20°C
n x 2 (or 3) x mm ²	No./mm	mm	mm	mm	mm	kg/km	Ω /km
1 x 2 x 0.75	1.1	0.6	9.1	13.0	52	259	26.3000
2 x 2 x 0.75	1.1	0.6	13.7	17.7	71	479	26.3000
4 x 2 x 0.75	1.1	0.6	15.9	20.5	82	655	26.3000
8 x 2 x 0.75	1.1	0.6	20.3	25.7	102	860	26.3000
12 x 2 x 0.75	1.1	0.6	24.3	30.1	120	1165	26.3000
16 x 2 x 0.75	1.1	0.6	28.1	34.3	137	1550	26.3000
19 x 2 x 0.75	1.1	0.6	30.3	36.7	147	1740	26.3000
24 x 2 x 0.75	1.1	0.6	33.6	40.3	161	2075	26.3000
1 x 2 x 1.50	1.6	0.7	10.02	14.1	56	310	12.9000
2 x 2 x 1.50	1.6	0.7	15.5	20.2	81	616	12.9000
4 x 2 x 1.50	1.6	0.7	18.1	23.1	92	861	12.9000
8 x 2 x 1.50	1.6	0.7	23.4	29.1	116	1117	12.9000
12 x 2 x 1.50	1.6	0.7	28.4	34.6	139	1593	12.9000
16 x 2 x 1.50	1.6	0.7	32.3	39.0	156	2030	12.9000
19 x 2 x 1.50	1.6	0.7	35.0	41.6	166	2261	12.9000
24 x 2 x 1.50	1.6	0.7	39.3	46.5	186	2830	12.9000
1 x 3 x 0.75	1.1	0.6	9.6	13.5	54	281	26.300
2 x 3 x 0.75	1.1	0.6	15.0	19.6	78	574	26.300
4 x 3 x 0.75	1.1	0.6	17.4	22.5	90	795	26.300
8 x 3 x 0.75	1.1	0.6	23.5	29.0	116	1075	26.300
12 x 3 x 0.75	1.1	0.6	27.6	33.8	135	1491	26.300
16 x 3 x 0.75	1.1	0.6	31.8	38.2	153	1933	26.300
1 x 3 x 1.50	1.6	0.7	10.8	14.6	59	341	12.9000
2 x 3 x 1.50	1.6	0.7	17.1	21.9	88	742	12.9000
4 x 3 x 1.50	1.6	0.7	20.0	25.1	100	1015	12.9000
8 x 3 x 1.50	1.6	0.7	27.0	33.0	123	1450	12.9000
12 x 3 x 1.50	1.6	0.7	32.3	38.9	132	2044	12.9000
16 x 3 x 1.50	1.6	0.7	36.7	43.6	156	2932	12.9000