

150/250V NEK606 FLAME RETARDANT CABLE RFOU(c) INSTRUMENTATION CABLE



CONDUCTOR

Tinned annealed stranded copper IEC 60228 class 2

INSULATION

Halogen free EPR (Ethylene Propylene Rubber) compound

INSULATION COLOR (CORE IDENTIFICATION)

Pairs: Black & Blue

Triples: Black, Blue & Brown

TWISTING

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

SCREEN

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

OUTER SHEATH

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

SHEATH COLOR

Blue or Grey

VOLTAGE RATING

150/250V

OPERATING TEMPERATURE

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

STANDARDS

Design Guidelines : IEC 60092-376:2003

Halogen Free Properties : IEC 60754-1

Flame Retardant : IEC 60332

Smoke Density : IEC 61034-1.2

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

TYPE APPROVALS

ABS

Meets the UV resistance requirements of UL1581 or HD605 part 2.5.12

APPLICATION

Mud resistant cable for control, instrumentation and telecommunications. Mud resistant in accordance with NEK606

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
2 x 2 x 0.75	1.1	0.6	11.8	15.8	63	391	26.3000
4 x 2 x 0.75	1.1	0.6	13.6	17.8	71	505	26.3000
7 x 2 x 0.75	1.1	0.6	16.2	21.2	85	608	26.3000
8 x 2 x 0.75	1.1	0.6	17.2	22.5	90	671	26.3000
12 x 2 x 0.75	1.1	0.6	20.4	26.2	105	886	26.3000
16 x 2 x 0.75	1.1	0.6	23.5	29.7	119	1173	26.3000
19 x 2 x 0.75	1.1	0.6	25.3	31.7	127	1309	26.3000
24 x 2 x 0.75	1.1	0.6	28.1	34.7	139	1562	26.3000

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4 x 2 x 0.75	1.1	0.6	13.6	17.8	71	505	26.3000
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24 x 2 x 0.75	1.1	0.6	28.1	34.7	139	1562	26.3000
2 x 2 x 1.50	1.6	0.7	13.60	17.9	72	507	12.9000
4 x 2 x 1.50	1.6	0.7	15.8	20.9	84	709	12.9000
7 x 2 x 1.50	1.6	0.7	19.0	24.3	97	814	12.9000
8 x 2 x 1.50	1.6	0.7	20.2	26.0	104	917	12.9000
12 x 2 x 1.50	1.6	0.7	24.5	30.7	123	1292	12.9000
16 x 2 x 1.50	1.6	0.7	27.8	34.4	138	1630	12.9000
24 x 2 x 1.50	1.6	0.7	33.8	41.0	164	2271	12.9000
2 x 3 x 0.75	1.1	0.6	12.9	17.1	68	457	26.300
4 x 3 x 0.75	1.1	0.6	14.9	19.9	80	630	26.300
8 x 3 x 0.75	1.1	0.6	19.7	25.3	101	852	26.300
2 x 3 x 1.50	1.6	0.7	15.0	19.8	79	624	12.9000
4 x 3 x 1.50	1.6	0.7	17.4	22.5	90	838	12.9000
8 x 3 x 1.50	1.6	0.7	23.3	29.3	117	1207	12.9000