



BFOU (i) Instrumentation Cable, 250V, mud resistant

Applications:	Fixed installation for instrumentation, communication, control, alarm, emergency and critical systems in both EX and safe areas. Mud resistant in accordance with NEK606
Conductor:	Tinned annealed stranded copper
Core Identification:	Pairs: Black & blue Triples: Black, blue & Brown
Screen:	ICM (individual copper mylar) and a TCWB (Tinned copper wire braid)
Insulation:	MGT (Mica glass tape), halogen free EPR (Ethylene Propylene Rubber),
Sheath/Jacket:	Type: SHF, thermoset dual compound, halogen free and mud resistant
Colour:	Blue & Grey
Voltage:	150/250v
Operating Temperature:	Maximum 90°C, minimum bending -40°C
Approvals:	ABS, DNV
Standards:	IEC60092-353: electrical installation in ships, power cables, NEK606: cables for offshore installation halogen-free or mud-resistant, IEC60092.375 shipboard telecommunications cable, IEC60331: fire resistant, IEC60332: flame retardant, IEC61031-1.2: smoke density, IEC60754-1, halogen free properties, IEC60228: electrical conductor



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

No of triples	Conductor area sq.mm	Conductor diameter mm	Insulation thickness mm	Under armour diameter mm	Diameter overall mm	Min bending radius mm	Weight kg/km	BATT part no Grey	BATT part no Blue
1	0.75	1.1	0.6	9.6	13.5	54	281	67753	67829
2	0.75	1.1	0.6	15.0	19.6	78	574	67902	-
4	0.75	1.1	0.6	17.4	22.5	90	795	67004	-
8	0.75	1.1	0.6	23.5	29.	116	1075	67843	67183
12	0.75	1.1	0.6	27.6	33.8	135	1491	67850	-
16	0.75	1.1	0.6	31.8	38.2	153	1933	-	-
1	1.5	1.6	0.7	10.8	14.6	59	341	67830	67831
2	1.5	1.6	0.7	17.1	21.9	88	742	-	67212
4	1.5	1.6	0.7	20.0	25.1	100	1015	67000	67714
8	1.5	1.6	0.7	27.0	33.0	123	1450	67878	67475
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	-	-