



RFOU (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:	Halogen free EPR (Ethylene Propylene Rubber),
Sheath/Jacket:	Type: SHF, thermoset dual compound, halogen free and mud resistant
Colour:	Blue and 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, 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	8.1	12.0	48	228	67427	67458
2	0.75	1.1	0.6	11.9	16.0	64	408	67027	67785
4	0.75	1.1	0.6	13.8	18.0	72	551	67619	67880
8	0.75	1.1	0.6	17.5	22.8	91	765	67935	67424
12	0.75	1.1	0.6	20.9	26.6	107	1035	67987	67978
16	0.75	1.1	0.6	24.1	30.3	121	1374	67988	67469
24	0.75	1.1	0.6	28.8	35.4	141	1850	67862	67451
1	1.5	1.6	0.7	9.2	13.0	52	277	67824	67825
2	1.5	1.6	0.7	13.8	18.0	72	525	67827	67031
4	1.5	1.6	0.7	16.0	21.1	85	759	67816	67905
8	1.5	1.6	0.7	20.6	26.3	105	1018	67428	-
12	1.5	1.6	0.7	25.0	31.2	125	1452	67441	67320
16	1.5	1.6	0.7	28.4	35.0	140	1846	67221	67947
24	1.5	1.6	0.7	34.4	41.7	167	2584	67453	67950
1	0.75	1.1	0.6	8.5	12.3	49	248	67787	67362
2	0.75	1.1	0.6	13.0	17.2	69	477	-	67826
4	0.75	1.1	0.6	15.1	20.2	81	684	67002	-
7	0.75	1.1	0.6	18.8	24.2	97	854	-	-
8	0.75	1.1	0.6	20.1	25.7	103	954	67032	-
12	0.75	1.1	0.6	23.6	29.8	119	1322	67033	-
16	0.75	1.1	0.6	27.2	33.6	134	1710	67034	-

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	1.5	1.6	0.7	9.7	13.5	54	306	-	-
2	1.5	1.6	0.7	15.1	20.0	80	648	-	-
4	1.5	1.6	0.7	17.6	22.7	91	895	-	-
7	1.5	1.6	0.7	22.1	27.7	111	1146	-	67975
8	1.5	1.6	0.7	23.7	29.7	119	1318	-	67439
12	1.5	1.6	0.7	28.3	34.9	139	1862	-	-
16	1.5	1.6	0.7	32.2	39.0	156	2355	-	-