RFOU (c) Instrumentation Cable, 250V, ZH, mud resistant

Applications: Fixed installation for power, control and lighting in both EX (Zone 0, 1 & 2)- and safe areas, emergency and critical systems where requirement for fire resistance exists and when installed with the correct ATEX Approved Accessories/Equipment . For installation in areas exposed to MUD and drilling/cleaning fluids. Meets the MUD resistance requirement in NEK TS 606:2009.

Conductor: Tinned stranded copper to IEC60228 class 2

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

Core Identification: Pairs: Black & blue Triples: Black, blue & Brown

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

Insulation: Halogen free EPR (Ethylene Propylene Rubber)

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

Colour: Blue and Grey

Voltage: 150/250v

Operating Temperature: Maximum 90°C, Cold bend -40°C / Cold impact -35°C

Min bending radius: 6 x O/D

Approvals: ABS, DNV ,Meets the UV resistance requirements of UL1581 or HD605 part 2.5.12

Standards: NEK606: cables for offshore installation halogen-free or mud-resistant,
IEC60332: flame retardant,
IEC61031-1.2: smoke density,
IEC60754-1, halogen free properties,
IEC60228: electrical conductor
IEC 60092-376:2003: Electrical installations in ships – cables for control instrumentation circuits 150/250v (300v)

No of pairs	Conductor area sq.mm	Conductor diameter mm	Insulation thickness mm	Under armour diameter mm	Nominal diameter overall mm	Min bending radius mm	Weight kg/km	BATT part no Grey	BATT part no Blue
2	0.75	1.1	0.6	11.8	15.8	63	391	67776	67910
4	0.75	1.1	0.6	13.6	17.8	71	505	67009	67673
7	0.75	1.1	0.6	16.2	21.2	85	608	67788	-
8	0.75	1.1	0.6	17.2	22.5	90	671	67979	-
12	0.75	1.1	0.6	20.4	26.2	105	886	67839	67984
16	0.75	1.1	0.6	23.5	29.7	119	1173	67942	67786
19	0.75	1.1	0.6	25.3	31.7	127	1309	67944	67943
24	0.75	1.1	0.6	28.1	34.7	139	1562	67946	67945
2	1.5	1.6	0.7	13.6	17.9	72	507	67909	-
4	1.5	1.6	0.7	15.8	20.9	84	709	67911	-
7	1.5	1.6	0.7	19.0	24.3	97	814	-	-
8	1.5	1.6	0.7	20.2	26.0	104	917	67804	-
12	1.5	1.6	0.7	24.5	30.7	123	1292	67803	-
16	1.5	1.6	0.7	27.8	34.4	138	1630	67415	-
24	1.5	1.6	0.7	33.8	41.0	164	2271	-	-

www.batt.co.uk
battindustrial.sales@batt.co.uk

No of triples	Conductor area sq.mm	Conductor diameter mm	Insulation thickness mm	Under armour diameter mm	Nominal diameter overall mm	Min bending radius mm	Weight kg/km	BATT part no Grey	BATT part no Blue
2	0.75	1.1	0.6	12.9	17.1	68	457	67757	-
4	0.75	1.1	0.6	14.9	19.9	80	630	67009	-
8	0.75	1.1	0.6	19.7	25.3	101	852	67980	-
2	1.5	1.6	0.7	15.0	19.8	79	624	-	-
4	1.5	1.6	0.7	17.4	22.5	90	838	-	-
8	1.5	1.6	0.7	23.3	29.3	117	1207	67982	-