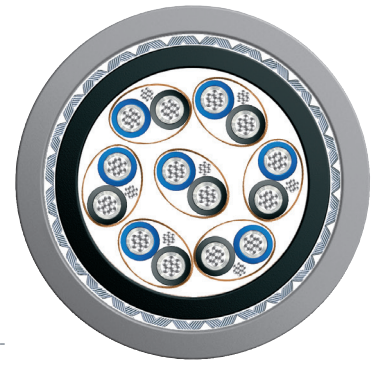


BFOU(I) *Offshore Fire Resistant Instrumentation Cable*

250 V Marine Grade



Application

Fire resistant offshore instrumentation 250 V individually screened cable. Heavy duty, mud resistant, instrumentation cables for offshore applications. Halogen free, flame and fire non propagator. Excellent resistance to oils, abrasion, petrochemical fluids, moisture and salt water. Suitable for fixed installations in vessels and oil rigs.

Cable Design

Conductor	Stranded tinned copper wire IEC 60228 Class 2 (Class 5 on request).
Fire Barrier	Mica tape over conductor
Insulation	Halogen free EPR or Halogen free HEPR
Lay Up	Cores laid up in pairs/triads, pairs/triads laid up concentrically.
Drain Wire	Stranded, tinned copper drain wire along with every pair/triad
Screen	Copper backed polyester tape screen (100% coverage) over every pair/triad
Bedding	Halogen free compound.
Braid	Tinned copper braided screen (90% coverage).
Outer Jacket	SHF MUD



Standards

Construction	NEK 606 S3/S7, IEC 60092/376
Test and Material	IEC 60092 /350-351-359
Flame Retardant	IEC 60332 /1, IEC 60332 / 3 Cat A
Fire Resistance	IEC60331
Halogen Content	IEC 60754 / 1 - 2
Smoke Density	IEC61034/ 1-2 (DIN EN 50268/1-2)
MUD Resistance	IEC 60092 / 359
Working Temperature	-15°C / + 90°C, On request -40°C / + 90°C (Optional)
Min. Bending Radius - Fixe	10 x Ø
Rated Voltage	250 V
Test Voltage	1,5 kV

BFOU(I) *Offshore Fire Resistant Instrumentation Cable*

250 V Marine Grade

Specification/Dimensions

Cross Section [mm ²]	Overall Diameter [mm]	Weight approx. [kg/km]
1 x 2 x 0,75	11,6	85
2 x 2 x 0,75	17,1	186
4 x 2 x 0,75	19,6	273
7 x 2 x 0,75	23,0	416
8 x 2 x 0,75	27,7	576
9 x 2 x 0,75	27,7	595
10 x 2 x 0,75	27,7	614
12 x 2 x 0,75	29,8	728
14 x 2 x 0,75	31,2	818
16 x 2 x 0,75	33,4	946
19 x 2 x 0,75	35,1	1072
24 x 2 x 0,75	39,7	1358
1 x 3 x 0,75	12,1	99
2 x 3 x 0,75	18,7	233
4 x 3 x 0,75	21,5	348
7 x 3 x 0,75	25,4	535
8 x 3 x 0,75	30,7	744
9 x 3 x 0,75	30,7	771
10 x 3 x 0,75	30,7	797
12 x 3 x 0,75	33,6	960
14 x 3 x 0,75	35,2	1082
16 x 3 x 0,75	37,6	1227
19 x 3 x 0,75	39,6	1398
24 x 3 x 0,75	44,7	1796
1 x 2 x 1,50	13,0	118
2 x 2 x 1,50	19,6	266
4 x 2 x 1,50	22,6	405
7 x 2 x 1,50	26,7	629
8 x 2 x 1,50	32,8	882
9 x 2 x 1,50	32,8	915

BFOU(I) *Offshore Fire Resistant Instrumentation Cable*

250 V Marine Grade

Specification/Dimensions

Cross Section [mm ²]	Overall Diameter [mm]	Weight approx. [kg/km]
10 x 2 x 1,50	32,8	949
12 x 2 x 1,50	35,4	1125
14 x 2 x 1,50	37,6	1270
16 x 2 x 1,50	39,7	1440
19 x 2 x 1,50	41,8	1644
24 x 2 x 1,50	47,2	2111
1 x 3 x 1,50	14,0	142
2 x 3 x 1,50	21,6	341
4 x 3 x 1,50	25,0	529
7 x 3 x 1,50	29,7	829
8 x 3 x 1,50	37,0	1159
9 x 3 x 1,50	37,0	1207
10 x 3 x 1,50	37,0	1255
12 x 3 x 1,50	39,9	1489
4 x 3 x 1,50	41,9	1683
16 x 3 x 1,50	44,8	1936
19 x 3 x 1,50	47,1	2216
24 x 3 x 1,50	52,8	2809
1 x 2 x 2,50	14,4	151
2 x 2 x 2,50	21,4	346
4 x 2 x 2,50	24,7	542
7 x 2 x 2,50	29,3	851
8 x 2 x 2,50	36,6	1178
9 x 2 x 2,50	36,6	1230
10 x 2 x 2,50	36,6	1283
1 x 3 x 2,50	15,1	188
2 x 3 x 2,50	23,6	450
4 x 3 x 2,50	27,4	719
7 x 3 x 2,50	32,6	1142
8 x 3 x 2,50	40,7	1565
9 x 3 x 2,50	40,7	1641
10 x 3 x 2,50	40,7	1718