RFOU(c) 250V

Flame retardant halogen-free instrumentation cable, Mud resistant

Technical Data

Application

Fixed installation for instrumentation, communication, Control and alarm systems in both EX- and safe areas. Meets the mud resistant requirements in NEK 606.

Construction

1.Conductor
-Tinned annealed stranded circular copper (STCC),
IEC 60228 class 2

2.Insulation
-EP-rubber, IEC 60092-351 (EPR)

3.Pair / Triple / Quad twisting
-Color coded cores twisted together and wrapped with polyester tape. Pairs/Triples are laid up collectively and screened by copper backed polyester tape with tinned copper drain wire. Pairs/triples are identified by numbers printed directly on the insulated conductors.

4.Inner covering
-Flame retardant and halogen-free thermoset compound

5.Tape over inner covering
-PET tape

6.Armour/screen
-Tinned annealed copper wire braid

7.Tape over armour/screen
-PET tape

8.Outer sheath
-Flame retardant, halogen-free and mud resistant thermoset compound, SHF2 (IEC 60092-359)

9.Outer sheath colour
-Grey or Blue

Standards

IEC 60092-376 (2003-05)
IEC 60228 class 2
IEC 60092-351
IEC 60092-359
IEC 60332-1
IEC 60332-3-22
IEC 60754-1,2
IEC 61034-1,2

Main Characteristics

-Rated Voltage:	250 V
-Operating Temperature:	90°C
-Flame-retardant	
-Halogen-Free	
-NEK 606 CodeS2/S6	
-EPR/EPR/TCWB/EVA	

Core Identification

Pair :	Black -Light Blue
Triple :	Black -Light Blue -Brown
Quad:	Black -Light Blue -Brown -Grey

Marking

E.g. "meter" "år" DRAKA NORSK KABEL RFOU(c) 250V S2/S6 8 PAIR 0,75mm2 IEC 60092-376 IEC 60332-3-22 ETL Classified No. 3067229

RFOU(c) 250V

Draka

Prysmian Group

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Part Number (grey/blue)	No. of cores and cond. area (mm²)	Cond. Ø appr. (mm)	Ø over Bending (mm)	Overall Ø (mm)	Weight approx. (kg/km)	Copper content approx. (kg/km)
111859/111870	2x2x0.75	1.1	11.5±1.0	15.0±1.0	310	86
111881/111892	4x2x0.75	1.1	13.5±1.0	17.5±1.0	430	143
111903/111914	8x2x0.75	1.1	18.5±1.0	22.5±1.5	700	222
111925/111936	12x2x0.75	1.1	21.0±1.5	25.0±1.5	900	314
111947/111958	16x2x0.75	1.1	22.5±1.5	27.0±1.5	1080	406
111969/111980	24x2x0.75	1.1	27.5±1.5	32.5±2.0	1510	568
111991/112002	2x2x1.5	1.6	13.5±1.0	17.0±1.0	430	152
112013/112024	4x2x1.5	1.6	15.5±1.0	19.5±1.0	560	221
112035/112046	8x2x1.5	1.6	21.0±1.5	25.0±1.5	930	368
112057/112068	12x2x1.5	1.6	23.5±1.5	28.5±1.5	1260	564
112079/112090	16x2x1.5	1.6	26.0±1.5	31.0±2.0	1550	706
112101/112112	24x2x1.5	1.6	31.5±2.0	37.5±2.0	2230	1071
112123/112134	2x3x0.75	1.1	13.0±1.0	16.5±1.0	410	136
112145/112156	4x3x0.75	1.1	15.0±1.0	18.5±1.0	530	194
112167/112178	8x3x0.75	1.1	20.0±1.5	24.0±1.5	860	295
112189/112200	12x3x0.75	1.1	23.0±1.5	28.0±1.5	1180	445
112211/112222	16x3x0.75	1.1	25.5±1.5	30.0±2.0	1430	542
112233/112244	24x3x0.75	1.1	31.0±2.0	36.5±2.0	2120	799
112255/112266	2x3x1.5	1.6	15.0±1.0	18.5±1.0	520	200
112277/112288	4x3x1.5	1.6	17.0±1.0	21.0±1.5	710	300
112299/112310	8x3x1.5	1.6	23.0±1.5	27.5±1.5	1230	550
112321/112332	12x3x1.5	1.6	27.0±1.5	31.5±2.0	1650	754
112343/112354	16x3x1.5	1.6	29.5±1.5	35.0±2.0	2050	957
112365/112376	24x3x1.5	1.6	36.0±2.0	42.0±2.5	3040	1393