

RFOU(i) 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. Mud resistant in accordance with NEK 606.

Construction

1.Conductor

-Tinned, stranded copper

2.Insulation

-EP-rubber

3.Twinning/screening

-Colour coded cores twisted together and wrapped with polyester tape. Pairs/triples are screened by copper (or aluminium) backed polyester tape with tinned copper drain wire. Each pair/triple is wrapped with polyester tape to prevent electrical contact with adjacent pairs/triples. Pairs/triples are identified by numbered tape/PETP-tape

4.Bedding

-Flame retardant halogen-free thermoset compound & PETP-tape

5.Armour

-Tinned copper wire braid & PETP-tape

6.Outer sheath

-Flame retardant halogen-free and mud resistant thermoset compound, SHF2

7.Colour

-Grey or blue.

Standards

IEC:60092-3 & NEK 606

IEC:60332-3/A

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

Black-Light Blue

Black-Light Blue-Brown

Marking

E.g; "meter" "year" DRAKA NORSE KABEL RFOU(i) 250V S1/S5 4 pair 0.75mm² IEC 60332-3/A "CE".



RFOU(i) 250V



Flame retardant halogen-free instrumentation cable, Mud resistant

Prysmian
Group

Part Number (grey/blue)	No. of cores and cond. area (mm ²)	Cond. Ø appr. (mm)	Ø over Bedding (mm)	Overall Ø (mm)	Weight approx. (kg/km)	Copper content approx. (kg/km)
112387/112398	1x2x0.75	1.1	8.0±0.8	11.0±1.0	200	57
112409/112420	2x2x0.75	1.1	11.5±1.0	15.0±1.0	330	93
112431/112442	4x2x0.75	1.1	13.5±1.0	17.5±1.0	470	162
112453/112464	8x2x0.75	1.1	18.5±1.0	22.5±1.5	790	269
112475/112486	12x2x0.75	1.1	21.5±1.5	26.0±1.5	1080	344
112497/112508	16x2x0.75	1.1	24.0±1.5	28.5±1.5	1330	503
112519/112530	24x2x0.75	1.1	29.5±1.5	35.0±2.0	1920	718
112541/112552	1x2x1.5	1.6	9.0±0.8	12.0±1.0	240	78
112563/112574	2x2x1.5	1.6	13.5±1.0	17.0±1.0	450	165
112585/112596	4x2x1.5	1.6	15.5±1.0	19.5±1.0	620	260
112607/112618	8x2x1.5	1.6	21.0±1.5	25.5±1.5	1070	460
112629/112640	12x2x1.5	1.6	25.0±1.5	30.0±2.0	1530	706
112651/112662	16x2x1.5	1.6	28.0±1.5	33.0±2.0	1860	880
112673/112684	24x2x1.5	1.6	34.5±2.0	40.5±2.5	2760	1320
112695/112706	1x3x0.75	1.1	8.5±0.8	11.5±1.0	210	64
112717/112728	2x3x0.75	1.1	13.0±1.0	16.5±1.0	420	135
112739/112750	4x3x0.75	1.1	15.0±1.0	19.0±1.0	560	202
112761/112772	8x3x0.75	1.1	20.0±1.5	24.5±1.5	950	341
112783/112794	12x3x0.75	1.1	24.5±1.5	29.0±1.5	1350	515
112805/112816	16x3x0.75	1.1	27.0±1.5	32.0±2.0	1630	641
112827/112838	24x3x0.75	1.1	33.5±2.0	39.5±2.0	2550	987
112849/112860	1x3x1.5	1.6	9.5±0.8	13.0±1.0	300	118
112871/112882	2x3x1.5	1.6	15.0±1.0	19.0±1.0	550	205
112893/112904	4x3x1.5	1.6	17.5±1.0	21.5±1.5	780	341
112915/112926	8x3x1.5	1.6	23.0±1.5	28.0±1.5	1390	641
112937/112948	12x3x1.5	1.6	28.5±1.5	33.5±2.0	1970	907
112959/112970	16x3x1.5	1.6	32.0±2.0	37.5±2.0	2570	1200
112981/112992	24x3x1.5	1.6	39.5±2.0	46.0±2.5	3790	1790

