

# PRODUCT CATALOGUE



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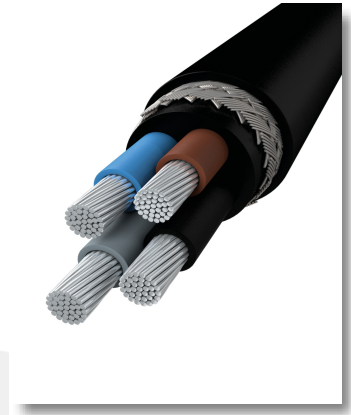
## RFOU P1/P8 - 0.6/1 kV

### Application:

RFOU P1/P8 is used in fixed installations for control, instrumentation and telecommunication in both explosion and safe areas, in emergency and critical systems. The cable is also used for installations in areas exposed to mud and drilling or cleaning fluids.

### Construction:

- Conductor: Circular tinned stranded Cu, class 2
- Insulation: Ethylene propylene rubber (EPR)
- Conductor color:
  - 1 conductor: black
  - 2 conductors: blue, brown
  - 3 conductors: brown, black, grey
  - 4 conductors: blue, brown, black, grey
  - 5 conductors: blue, brown, black, grey, black
- Filling sheath: Flame retardant and halogen free compound
- Screen: Tinned annealed copper wire braid
- Outer sheath: Flame retardant, halogen free and mud resistant thermoset compound acc. to SHF MUD, black



### Technical data:


















- Working temperature: -30° C to +90° C
- Rated voltage: 0.6/1 kV
- Test voltage: 3.5 kV
- Bend radius: 6 x cable diameter

### Approvals:

IEC 60754-1/2, IEC 61034-1/2, IEC 60332-3-22 cat. A, IEC 60092-353, NEK 606:2004, RoHS, CE



### Properties and installation:

-  Bending radius 6 x cable diameter
-  Electromagnetically protected
-  Fire retardant acc. to IEC 60332-3
-  For permanent outdoor installation
-  For use in cable trays
-  For use on oil rigs
-  For use on ships
-  Halogen free
-  Impact resistance: medium
-  Low emission of corrosive gases acc. to IEC 60754
-  Low smoke emission during fire acc. to 61034
-  Max. working temp. +90° C
-  Mud resistance NEK TS 606
-  Outdoor use
-  Resistance towards oil and chemicals
-  UV-resistant
-  Water resistant

## RF0U P1/P8 - 0.6/1 kV

SKU	EAN	Dimension (mm <sup>2</sup> )	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
67001001	-	1x1,5	23	D./Cut	8,7	140
67001002	-	1x2,5	32	D./Cut	9,2	160
67001004	-	1x4	40	D./Cut	9,8	170
67001006	-	1x6	52	D./Cut	10,4	220
67001010	-	1x10	72	D./Cut	11,4	280
67001016	-	1x16	96	D./Cut	12,5	360
67001025	5704403081448	1x25	127	D./Cut	14,8	480
67001035	5704403060979	1x35	157	D./Cut	16,0	630
67001050	-	1x50	196	D./Cut	17,6	840
67001070	-	1x70	242	D./Cut	19,6	1070
67001095	5704403060962	1x95	293	D./Cut	21,9	1300
67001120	5704403065271	1x120	339	D./Cut	23,9	1700
67001150	5704403049424	1x150	389	D./Cut	25,9	2020
67001185	5704403064106	1x185	444	D./Cut	28,3	2350
67001240	5704403058785	1x240	522	D./Cut	31,1	2920
67001300	-	1x300	601	D./Cut	34,4	3750
67002001	5704403055005	2x1,5	20	D./Cut	12,6	250
67002002	5704403051854	2x2,5	27	D./Cut	14,0	330
67002004	5704403064120	2x4	34	D./Cut	15,2	400
67002006	-	2x6	44	D./Cut	16,3	470
67002010	-	2x10	61	D./Cut	18,4	630
67002016	-	2x16	82	D./Cut	20,5	820
67002025	-	2x25	108	D./Cut	24,3	1200
67002035	-	2x35	133	D./Cut	26,8	1500
67002050	-	2x50	167	D./Cut	29,9	1840
67003001	5704403049462	3x1,5	16	D./Cut	13,2	280
67003001G	5704403047871	3G1,5	16	D./Cut	13,2	280
67003002	5704403047741	3x2,5	22	D./Cut	14,7	380
67003002G	5704403052981	3G2,5	22	D./Cut	14,7	380
67003004	5704403048649	3x4	28	D./Cut	16,0	460
67003006	5704403049431	3x6	36	D./Cut	17,2	550
67003010	5704403047734	3x10	50	D./Cut	19,4	750
67003016	5704403052707	3x16	67	D./Cut	21,7	1000
67003025	5704403064946	3x25	89	D./Cut	25,9	1490
67003035	5704403047826	3x35	110	D./Cut	28,5	1870
67003050	5704403058280	3x50	137	D./Cut	31,8	2380
67003070	5704403049479	3x70	169	D./Cut	37,0	3320
67003070G	5704403047819	3G70	169	D./Cut	37,0	3320
67003095	5704403051885	3x95	205	D./Cut	41,9	4340
67003120	5704403051311	3x120	237	D./Cut	46,7	5490
67003150	5704403048793	3x150	273	D./Cut	51,2	6630
67003185	5704403048694	3x185	311	D./Cut	56,7	8080
67003240	-	3x240	366	D./Cut	62,8	10130
67004001	5704403048656	4x1,5	16	D./Cut	14,7	360
67004001G	5704403076994	4G1,5	16	D./Cut	14,7	360
67004002	5704403053100	4x2,5	21	D./Cut	15,8	440
67004002G	5704403052998	4G2,5	21	D./Cut	15,8	440
67004004	5704403053117	4x4	28	D./Cut	17,3	550

## RF0U P1/P8 - 0.6/1 kV

SKU	EAN	Dimension (mm <sup>2</sup> )	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
67004004G	5704403065301	4G4	28	D./Cut	17,3	550
67004006	5704403047857	4x6	36	D./Cut	18,6	660
67004006G	5704403078516	4G6	36	D./Cut	18,6	660
67004010	5704403049455	4x10	50	D./Cut	21,1	910
67004016	-	4x16	67	D./Cut	23,7	1230
67004025	-	4x25	89	D./Cut	27,9	1766
67004035	5704403052653	4x35	110	D./Cut	30,8	2266
67004050	-	4x50	137	D./Cut	35,7	3021
67004070	5704403061358	4x70	169	D./Cut	40,7	4330
67004095	5704403091171	4x95	205	D./Cut	46,7	5810
67004120G	5704403055821	4G120	237	D./Cut	51,5	7030
67004150	-	4x150	273	D./Cut	57,0	8610
67004185	-	4x185	311	D./Cut	62,6	10570
67005001	-	5x1,5	13	D./Cut	15,8	420
67005002	5704403053001	5x2,5	18	D./Cut	17,1	510
67005004	-	5x4	23	D./Cut	18,6	640
67005004G	5704403049899	5G4	23	D./Cut	18,6	640
67005006	-	5x6	29	D./Cut	20,1	810
67005010	-	5x10	40	D./Cut	22,9	1110
67005016	-	5x16	54	D./Cut	25,8	1470
67005025	-	5x25	71	D./Cut	31,0	2240
67005035	-	5x35	88	D./Cut	34,7	2820
67005050	-	5x50	110	D./Cut	39,3	3980
67005070	-	5x70	135	D./Cut	45,2	5270
67005095	-	5x95	164	D./Cut	51,3	7570
67007001G	5704403055012	7G1,5	11	D./Cut	16,9	490
67007002	5704403053124	7x2,5	16	D./Cut	18,4	610
67010001	-	10x1,5	11	D./Cut	20,0	680
67010002	-	10x2,5	16	D./Cut	21,9	940
67012001	-	12x1,5	11	D./Cut	21,4	780
67012002	-	12x2,5	16	D./Cut	23,4	980
67014001	-	14x1,5	11	D./Cut	22,4	930
67014002	-	14x2,5	16	D./Cut	24,5	1090
67019001	-	19x1,5	11	D./Cut	24,7	1050
67019002	-	19x2,5	16	D./Cut	27,1	1420
67024001	-	24x1,5	11	D./Cut	27,4	1310
67024002	-	24x2,5	16	D./Cut	30,2	1830
67027001	-	27x1,5	10	D./Cut	29,1	1570
67027002	-	27x2,5	13	D./Cut	32,1	1990
67037001	5704403058174	37x1,5	10	D./Cut	32,9	1820
67037002	-	37x2,5	13	D./Cut	36,7	2600

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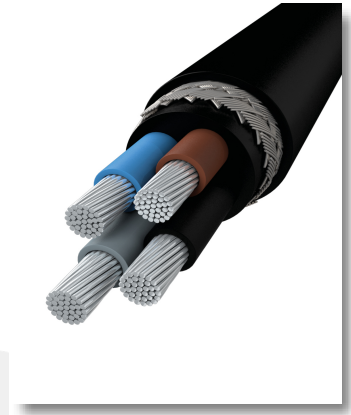
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67003240	-	3x240	366	D./Cut	62,8	10130
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67004001G	5704403076994	4G1,5	16	D./Cut	14,7	360
67004002	5704403053100	4x2,5	21	D./Cut	15,8	440
67004002G	5704403052998	4G2,5	21	D./Cut	15,8	440
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67004016	-	4x16	67	D./Cut	23,7	1230
67004025	-	4x25	89	D./Cut	27,9	1766
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67004050	-	4x50	137	D./Cut	35,7	3021
67004070	5704403061358	4x70	169	D./Cut	40,7	4330
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67005006	-	5x6	29	D./Cut	20,1	810
67005010	-	5x10	40	D./Cut	22,9	1110
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67014001	-	14x1,5	11	D./Cut	22,4	930
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67024002	-	24x2,5	16	D./Cut	30,2	1830
67027001	-	27x1,5	10	D./Cut	29,1	1570
67027002	-	27x2,5	13	D./Cut	32,1	1990
67037001	5704403058174	37x1,5	10	D./Cut	32,9	1820
67037002	-	37x2,5	13	D./Cut	36,7	2600

\* The values can have small deviations





**SCANKAB CABLES A/S DANMARK**

MALERVÆNGET 3  
DK-5560 AARUP  
DANMARK

TLF.: +45 7020 3455  
[WWW.SCANKAB.DK](http://WWW.SCANKAB.DK)

---

**SCANKAB CABLES AB SVERIGE**

BRÄNNERIGATAN 5 B  
SE-263 37 HÖGANÄS  
SVERIGE

TLF.: +46 730-344 606  
[WWW.SCANKAB.SE](http://WWW.SCANKAB.SE)

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**SCANKAB CABLES AS NORGE**

LURAMYRVEIEN 15  
NO-4313 SANDNES  
NORGE

TLF.: +47 516 37 020  
[WWW.SCANKAB.NO](http://WWW.SCANKAB.NO)