

Schiffskabel / Marine cables

RFOU

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**Verwendung:**

Fixed installation for power, control and lighting, in both EX and safe areas, general purposes. Mud resistant in accordance with NEK 606.
[INDEX:20201001SQ]

Aufbau:

- Standards:
IEC 60092-353 design guidelines
IEC 60754-1, 2 halogen free properties
IEC 60332-3/A flame retardant
IEC 61034-1, 2 smoke density

Tinned stranded copper conductor IEC60228 class 2, halogen free HEPR compound insulation, halogen free SHF mud resistant compound bedding, tinned copper wire braid to IEC60092-352, SHF thermoset compound halogen free and mud resistant low temperature (-40°C).

Technische Daten:

Leiter Werkstoff	tinned annealed stranded copper
Leiterklasse	Klasse 2
Aderisolationwerkstoff	Halogen free EPR (Ethylene Propylene Rubber)
Aderkennung	Core colours: 1 core- off white 2 core- off white and black 3 core- off white, black and red 4 core- off white, black red and blue 5 core and above white numbers.
Verseilung	
Außenmantelwerkstoff	Type- SHF, thermoset dual compound, halogen free and mud resistant.
Mantelfarbe	schwarz
Nennspannung [V]	0.6/1 k
Prüfspannung [V]	
Leiterwiderstand	
Isolationswiderstand	
Strombelastbarkeit	
kleinster Biegeradius fest [xd]	
kleinster Biegeradius bewegt [xd]	
Betriebstemp. fest min/max [C]	
Betriebstemp. bew. min/mac [C]	
Temperatur am Leiter max.	+90°C
Brandverhalten	
Normen	ABS, DNV and Lloyds Register of Shipping.

Application:

Fixed installation for power, control and lighting, in both EX and safe areas, general purposes. Mud resistant in accordance with NEK 606.
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Construction:

- Standards:
IEC 60092-353 design guidelines
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Tinned stranded copper conductor IEC60228 class 2, halogen free HEPR compound insulation, halogen free SHF mud resistant compound bedding, tinned copper wire braid to IEC60092-352, SHF thermoset compound halogen free and mud resistant low temperature (-40°C).

Technical Data:

Conductor Material	tinned annealed stranded copper
Conductor class	Class 2
core insulation	Halogen free EPR (Ethylene Propylene Rubber)
core identification	Core colours: 1 core- off white 2 core- off white and black 3 core- off white, black and red 4 core- off white, black red and blue 5 core and above white numbers.
stranding	*
outer sheath	Type- SHF, thermoset dual compound, halogen free and mud resistant.
sheath colour	Black
rated voltage [V]	0.6/1 k
testing voltage [V]	*
conductor resistance	*
insulation resistance	*
current carrying capacity	*
min. bending radius fixed [xd]	*
min. bending radius moved [xd]	*
working temp fixed min/max [C]	*
working temp moved min/mac [C]	*
temp at conductor max.	+90°C
burning behaviour	*
Approvals	ABS, DNV and Lloyds Register of Shipping.

Kabel / Cable

Art Nr. Part No.	Adern x Querschnitt no. of cores x cross section	Außen Ø ca. mm outer Ø ca. mm	CU Gewicht kg/100m copper weight kg/100m	Gewicht kg/100m weight kg/100m
30010250	1 x 2.50	9.70	0.00	17.00
30010600	1 x 6	10.50	0.00	19.30
30011600	1 x 16	11.20	0.00	38.50
30012500	1 x 25	13.30	0.00	57.30
30013500	1 x 35	14.60	0.00	71.30
30015000	1 x 50	15.90	0.00	89.60
30017000	1 x 70	17.80	0.00	116.00
60019500	1 x 95	20.10	0.00	148.40
300112000	1 x 120	21.20	0.00	175.80
300115000	1 x 150	23.00	0.00	211.90
300118500	1 x 185	25.50	0.00	255.80
300124000	1 x 240	33.70	0.00	324.00
300130000	1 x 300	35.00	0.00	405.00
30020150	2 x 1.50	14.40	0.00	31.70
30020250	2 x 2.50	15.50	0.00	37.30
30020400	2 x 4	17.10	0.00	46.00
30020600	2 x 6	18.30	0.00	54.60
30021000	2 x 10	20.20	0.00	72.40
30021600	2 x 16	22.70	0.00	95.70
30030150	3 x 1.50	15.00	0.00	34.90
30030250	3 x 2.50	16.10	0.00	41.70
30030400	3 x 4	17.80	0.00	52.10
30030600	3 x 6	19.10	0.00	62.70
3003100	3 x 10	21.10	0.00	85.70
30031600	3 x 16	23.60	0.00	114.80
30032500	3 x 25	27.60	0.00	160.90
30033500	3 x 35	30.90	0.00	207.90
30035000	3 x 50	34.60	0.00	278.00
30037000	3 x 70	39.40	0.00	368.40
30037000	3 x 70	39.40	0.00	368.40
30039500	3 x 95	45.20	0.00	492.90
300312000	3 x 120	48.50	0.00	595.40
300135000	3 x 150	54.00	0.00	852.60
300318500	3 x 185	61.00	0.00	948.70
300324000	3 x 240	68.50	0.00	1205.00
30050150	4 x 1.50	15.90	0.00	39.70

Art Nr. Part No.	Adern x Querschnitt no. of cores x cross section	Außen Ø ca. mm outer Ø ca. mm	CU Gewicht kg/100m copper weight kg/100m	Gewicht kg/100m weight kg/100m
30040250	4 x 2.50	17.10	0.00	47.90
30040400	4 x 4	19.00	0.00	61.60
30040600	4 x 6	20.90	0.00	76.10
30041000	4 x 10	22.50	0.00	100.90
30041600	4 x 16	25.60	0.00	137.00
30042500	4 x 25	29.70	0.00	193.80
30043500	4 x 35	33.30	0.00	25.20
30045000	4 x 50	37.40	0.00	338.70
30047000	4 x 70	42.60	0.00	450.60
30049500	4 x 95	49.00	0.00	604.20
300412000	4 x 120	52.60	0.00	732.40
30050150	5 x 1.50	16.50	0.00	49.60
30050250	5 x 2.50	18.50	0.00	59.80
30050400	5 x 4	21.50	0.00	76.60
30050600	5 x 6	23.50	0.00	94.10
30057000	5 x 70	46.50	0.00	533.20
30070150	7 x 1.50	18.20	0.00	37.00
30070250	7 x 2.50	19.90	0.00	65.70
30120150	12 x 1.50	23.60	0.00	54.50
30120250	12 x 2.50	25.50	0.00	111.50
30190150	19 x 1.50	27.00	0.00	74.30
30190250	19 x 2.50	29.30	0.00	151.60
30270150	27 x 1.50	30.00	0.00	132.00
30270250	27 x 2.50	34.60	0.00	210.70
30370150	37 x 1.50	31.80	0.00	129.10
30370250	37 x 2.50	38.60	0.00	266.20

Kontakt: