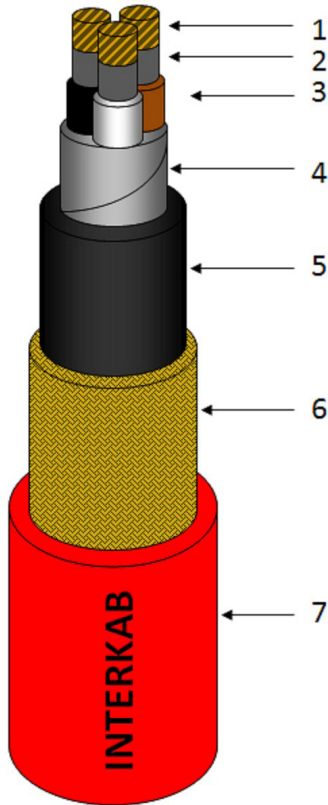


3.6/6kV
Flame Retardant

Medium Voltage Power Cables to NEK606 Specification

RFOU Power Cables, Single and Multicore, Armoured Cables:



Applicable Standards

NEK 606
IEC 60092-354
IEC 60332 part 3 (Category A)
IEC 60332-1
IEC 60502
Stranded class 2 or tinned annealed copper conductors to IEC60228

Application

This range of cables is designed for use in fixed wiring on ships and offshore platforms and drilling rigs, especially where life may be endangered by smoke and noxious fumes, and where sensitive equipment may be damaged by acid forming gases.

Conductor Identification

One core: Black
Two cores: Blue- Brown
Two cores+ earth Blue - Brown - Yellow/Green
Three Cores: Brown - Black - Grey
Three Cores + earth Brown - Black - Grey - Yellow/Green
Four Cores: Blue - Brown - Black - Grey
Four Cores + earth Blue - Brown - Black - Grey - Yellow/Green
Five Cores Blue - Brown - Black - Grey - Black
Above 5-cores : Black numbers on white base.

Note: picture is for illustration purposes only

Construction	Specifications
(1) Conductor:	Tinned Stranded Compacted Copper Conductor to IEC60228 class 2
(2) Semi-Conductor	Halogen-free EPR compound
(3) Insulation:	Halogen-free HEPR compund
(4) Screen:	Tinned copper wire braid according to NVE FEA-M 1238.5
(5) Bedding:	Halogen-free thermoset compound type SHF2
(6) Amour:	Tinned copper wire braid
(7) Outer Sheath:	SHF2 thermoset compound halogen-free & MUD reistant low temperature (-40 Deg C)

3.6/6kV
Flame Retardant

Medium Voltage Power Cables to NEK606 Specification

RFOU Single/Multicore Armoured Cables - Table 1/2

Cable	1 x 25	1 x 35	1 x 50	1 x 70	1 x 95	1 x 120	1 x 150	1 x 185	1 x 240
Conductor Diameter mm	6.1	7.2	8.3	10.3	11.5	12.9	14.3	16	18.3
Diameter over Insulation mm	14.1	15.2	16.3	18.4	19.6	21	22.5	24.2	26.6
Overall Diameter (Approx) mm	23.5	25.5	29	30	32	34	36	38.5	39.5
Weight kg/km	900	1170	1360	1650	1960	2270	2550	3190	3715
Bending Radius mm	94	102	116	120	128	136	144	154	158
DC Resistance @ 20°C - Ω/km	0.734	0.529	0.391	0.27	0.195	0.154	0.126	0.1	0.076
Sheath Colour	Red	Red	Red	Red	Red	Red	Red	Red	Red

RFOU Single/Multicore Armoured Cables - Table 2/2

Cable	1 x 300	3 x 25	3 x 35	3 x 50	3 x 70	3 x 95	3 x 120	3 x 150	3 x 185
Conductor Diameter mm	20.7	6.1	7.2	8.3	10.3	11.5	12.9	14.3	16
Diameter over Insulation mm	29	14.1	15.2	16.3	18.4	19.6	21	22.5	24.2
Overall Diameter (Approx) mm	43.5	45.5	48.5	53	56	61	63.5	67	74
Weight kg/km	4580	3220	3820	4550	5610	6880	7930	9390	11100
Bending Radius mm	174	185	195	215	225	245	255	270	300
DC Resistance @ 20°C - Ω/km	0.0607	0.734	0.529	0.391	0.27	0.195	0.154	0.126	0.1
Sheath Colour	Red	Red	Red	Red	Red	Red	Red	Red	Red