



**MUD RESISTANT OFFSHORE CABLE**

**NEK 606**

**35 orderable sizes**

<b>STANDARD</b> <b>NEK 606</b>	<b>VOLTAGE CLASS</b> <b>0.6/1 kV</b>	<b>CONDUCTOR</b> <b>Tinned copper conductor</b>
<b>INSULATION / JACKET</b> <b>SHF2 or mud-resistant offshore sheath</b>		

**Construction**

- 1 ■ **Conductor (per core)** – 2.5 mm<sup>2</sup> · 50 × Ø0.25 mm · IEC 60228 c1.5
- 2 ■ **Core insulation** – EPR or HEPR
- 3 ■ **Filler** – PP filler
- 4 ■ **Sheath** – SHF2 or mud-resistant offshore sheath

**Size selection — all available cross-sections**

Cable reference	Circuit type	Core / pair design	Conductor size	Voltage class	Fire / mud behavior	OD guide
<b>RFOU Control 0.6/1 kV 2 core 1.0 mm<sup>2</sup></b>	Control	2 core	1.0 mm <sup>2</sup>	0.6/1 kV	Flame retardant, low smoke and halogen-free offshore construction	16 mm
<b>RFOU Control 0.6/1 kV 2 core 1.5 mm<sup>2</sup></b>	Control	2 core	1.5 mm <sup>2</sup>	0.6/1 kV	Flame retardant, low smoke and halogen-free offshore construction	16 mm
<b>RFOU Control 0.6/1 kV 2 core 2.5 mm<sup>2</sup></b>	Control	2 core	2.5 mm <sup>2</sup>	0.6/1 kV	Flame retardant, low smoke and halogen-free offshore construction	17 mm
<b>RFOU Control 0.6/1 kV 2 core 4 mm<sup>2</sup></b>	Control	2 core	4 mm <sup>2</sup>	0.6/1 kV	Flame retardant, low smoke and halogen-free offshore construction	18 mm
<b>RFOU Control 0.6/1 kV 2 core 6 mm<sup>2</sup></b>	Control	2 core	6 mm <sup>2</sup>	0.6/1 kV	Flame retardant, low smoke and halogen-free offshore construction	19 mm
<b>RFOU Control 0.6/1 kV 3 core 1.0 mm<sup>2</sup></b>	Control	3 core	1.0 mm <sup>2</sup>	0.6/1 kV	Flame retardant, low smoke and halogen-free offshore construction	17 mm

Cable reference	Circuit type	Core / pair design	Conductor size	Voltage class	Fire / mud behavior	OD guide
RFOU Control 0.6/1 kV 3 core 1.5 mm <sup>2</sup>	Control	3 core	1.5 mm <sup>2</sup>	0.6/1 kV	Flame retardant, low smoke and halogen-free offshore construction	17 mm
RFOU Control 0.6/1 kV 3 core 2.5 mm <sup>2</sup>	Control	3 core	2.5 mm <sup>2</sup>	0.6/1 kV	Flame retardant, low smoke and halogen-free offshore construction	18 mm
RFOU Control 0.6/1 kV 3 core 4 mm <sup>2</sup>	Control	3 core	4 mm <sup>2</sup>	0.6/1 kV	Flame retardant, low smoke and halogen-free offshore construction	19 mm
RFOU Control 0.6/1 kV 3 core 6 mm <sup>2</sup>	Control	3 core	6 mm <sup>2</sup>	0.6/1 kV	Flame retardant, low smoke and halogen-free offshore construction	20 mm
RFOU Control 0.6/1 kV 4 core 1.0 mm <sup>2</sup>	Control	4 core	1.0 mm <sup>2</sup>	0.6/1 kV	Flame retardant, low smoke and halogen-free offshore construction	18 mm
RFOU Control 0.6/1 kV 4 core 1.5 mm <sup>2</sup>	Control	4 core	1.5 mm <sup>2</sup>	0.6/1 kV	Flame retardant, low smoke and halogen-free offshore construction	19 mm
RFOU Control 0.6/1 kV 4 core 2.5 mm <sup>2</sup>	Control	4 core	2.5 mm <sup>2</sup>	0.6/1 kV	Flame retardant, low smoke and halogen-free offshore construction	20 mm
RFOU Control 0.6/1 kV 4 core 4 mm <sup>2</sup>	Control	4 core	4 mm <sup>2</sup>	0.6/1 kV	Flame retardant, low smoke and halogen-free offshore construction	20 mm
RFOU Control 0.6/1 kV 4 core 6 mm <sup>2</sup>	Control	4 core	6 mm <sup>2</sup>	0.6/1 kV	Flame retardant, low smoke and halogen-free offshore construction	21 mm
RFOU Control 0.6/1 kV 7 core 1.0 mm <sup>2</sup>	Control	7 core	1.0 mm <sup>2</sup>	0.6/1 kV	Flame retardant, low smoke and halogen-free offshore construction	22 mm
RFOU Control 0.6/1 kV 7 core 1.5 mm <sup>2</sup>	Control	7 core	1.5 mm <sup>2</sup>	0.6/1 kV	Flame retardant, low smoke and halogen-free offshore construction	23 mm
RFOU Control 0.6/1 kV 7 core 2.5 mm <sup>2</sup>	Control	7 core	2.5 mm <sup>2</sup>	0.6/1 kV	Flame retardant, low smoke and halogen-free offshore construction	23 mm
RFOU Control 0.6/1 kV 7 core 4 mm <sup>2</sup>	Control	7 core	4 mm <sup>2</sup>	0.6/1 kV	Flame retardant, low smoke and halogen-free offshore construction	24 mm
RFOU Control 0.6/1 kV 7 core 6 mm <sup>2</sup>	Control	7 core	6 mm <sup>2</sup>	0.6/1 kV	Flame retardant, low smoke and halogen-free offshore construction	25 mm
RFOU Control 0.6/1 kV 12 core 1.0 mm <sup>2</sup>	Control	12 core	1.0 mm <sup>2</sup>	0.6/1 kV	Flame retardant, low smoke and halogen-free offshore construction	29 mm

Cable reference	Circuit type	Core / pair design	Conductor size	Voltage class	Fire / mud behavior	OD guide
RFOU Control 0.6/1 kV 12 core 1.5 mm <sup>2</sup>	Control	12 core	1.5 mm <sup>2</sup>	0.6/1 kV	Flame retardant, low smoke and halogen-free offshore construction	29 mm
RFOU Control 0.6/1 kV 12 core 2.5 mm <sup>2</sup>	Control	12 core	2.5 mm <sup>2</sup>	0.6/1 kV	Flame retardant, low smoke and halogen-free offshore construction	30 mm
RFOU Control 0.6/1 kV 12 core 4 mm <sup>2</sup>	Control	12 core	4 mm <sup>2</sup>	0.6/1 kV	Flame retardant, low smoke and halogen-free offshore construction	31 mm
RFOU Control 0.6/1 kV 12 core 6 mm <sup>2</sup>	Control	12 core	6 mm <sup>2</sup>	0.6/1 kV	Flame retardant, low smoke and halogen-free offshore construction	32 mm
RFOU Control 0.6/1 kV 19 core 1.0 mm <sup>2</sup>	Control	19 core	1.0 mm <sup>2</sup>	0.6/1 kV	Flame retardant, low smoke and halogen-free offshore construction	38 mm
RFOU Control 0.6/1 kV 19 core 1.5 mm <sup>2</sup>	Control	19 core	1.5 mm <sup>2</sup>	0.6/1 kV	Flame retardant, low smoke and halogen-free offshore construction	38 mm
RFOU Control 0.6/1 kV 19 core 2.5 mm <sup>2</sup>	Control	19 core	2.5 mm <sup>2</sup>	0.6/1 kV	Flame retardant, low smoke and halogen-free offshore construction	39 mm
RFOU Control 0.6/1 kV 19 core 4 mm <sup>2</sup>	Control	19 core	4 mm <sup>2</sup>	0.6/1 kV	Flame retardant, low smoke and halogen-free offshore construction	40 mm
RFOU Control 0.6/1 kV 19 core 6 mm <sup>2</sup>	Control	19 core	6 mm <sup>2</sup>	0.6/1 kV	Flame retardant, low smoke and halogen-free offshore construction	41 mm
RFOU Control 0.6/1 kV 27 core 1.0 mm <sup>2</sup>	Control	27 core	1.0 mm <sup>2</sup>	0.6/1 kV	Flame retardant, low smoke and halogen-free offshore construction	48 mm
RFOU Control 0.6/1 kV 27 core 1.5 mm <sup>2</sup>	Control	27 core	1.5 mm <sup>2</sup>	0.6/1 kV	Flame retardant, low smoke and halogen-free offshore construction	49 mm
RFOU Control 0.6/1 kV 27 core 2.5 mm <sup>2</sup>	Control	27 core	2.5 mm <sup>2</sup>	0.6/1 kV	Flame retardant, low smoke and halogen-free offshore construction	49 mm
RFOU Control 0.6/1 kV 27 core 4 mm <sup>2</sup>	Control	27 core	4 mm <sup>2</sup>	0.6/1 kV	Flame retardant, low smoke and halogen-free offshore construction	50 mm
RFOU Control 0.6/1 kV 27 core 6 mm <sup>2</sup>	Control	27 core	6 mm <sup>2</sup>	0.6/1 kV	Flame retardant, low smoke and halogen-free offshore construction	51 mm