



**FIRE RESISTANT MUD RESISTANT CABLE**

**NEK 606**

**18 orderable sizes**

<b>STANDARD</b> NEK 606	<b>VOLTAGE CLASS</b> 250 V, 0.6/1 kV or customer-specified offshore rating	<b>CONDUCTOR</b> Tinned copper conductor
<b>INSULATION / JACKET</b> SHF2 or mud-resistant offshore sheath		

**Construction**

- 1 ■ Conductor (per core) – 0.75 mm<sup>2</sup> · 24 × Ø0.2 mm · IEC 60228 cl.5
- 2 ■ Pair insulation – Mica fire barrier with EPR or HEPR insulation
- 3 ■ Individual screen (IS) – Al/polyester foil + tinned-copper drain
- 4 ■ Filler – Bedding / filler
- 5 ■ Overall screen (OS) – Al/polyester foil + drain
- 6 ■ 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
BF0U Instrumentation 250 V, 0.6/1 kV or customer-specified offshore rating 1 pair 0.75 mm <sup>2</sup>	Instrumentation	1 pair	0.75 mm <sup>2</sup>	250 V, 0.6/1 kV or customer-specified offshore rating	Fire resistant, flame retardant, low smoke and halogen-free construction	15 mm
BF0U Instrumentation 250 V, 0.6/1 kV or customer-specified offshore rating 1 pair 1.0 mm <sup>2</sup>	Instrumentation	1 pair	1.0 mm <sup>2</sup>	250 V, 0.6/1 kV or customer-specified offshore rating	Fire resistant, flame retardant, low smoke and halogen-free construction	15 mm

<b>Cable reference</b>	<b>Circuit type</b>	<b>Core / pair design</b>	<b>Conductor size</b>	<b>Voltage class</b>	<b>Fire / mud behavior</b>	<b>OD guide</b>
<b>BF0U Instrumentation 250 V, 0.6/1 kV or customer-specified offshore rating 1 pair 1.5 mm<sup>2</sup></b>	Instrumentation	1 pair	1.5 mm <sup>2</sup>	250 V, 0.6/1 kV or customer-specified offshore rating	Fire resistant, flame retardant, low smoke and halogen-free construction	16 mm
<b>BF0U Instrumentation 250 V, 0.6/1 kV or customer-specified offshore rating 2 pair 0.75 mm<sup>2</sup></b>	Instrumentation	2 pair	0.75 mm <sup>2</sup>	250 V, 0.6/1 kV or customer-specified offshore rating	Fire resistant, flame retardant, low smoke and halogen-free construction	16 mm
<b>BF0U Instrumentation 250 V, 0.6/1 kV or customer-specified offshore rating 2 pair 1.0 mm<sup>2</sup></b>	Instrumentation	2 pair	1.0 mm <sup>2</sup>	250 V, 0.6/1 kV or customer-specified offshore rating	Fire resistant, flame retardant, low smoke and halogen-free construction	17 mm
<b>BF0U Instrumentation 250 V, 0.6/1 kV or customer-specified offshore rating 2 pair 1.5 mm<sup>2</sup></b>	Instrumentation	2 pair	1.5 mm <sup>2</sup>	250 V, 0.6/1 kV or customer-specified offshore rating	Fire resistant, flame retardant, low smoke and halogen-free construction	17 mm
<b>BF0U Instrumentation 250 V, 0.6/1 kV or customer-specified offshore rating 4 pair 0.75 mm<sup>2</sup></b>	Instrumentation	4 pair	0.75 mm <sup>2</sup>	250 V, 0.6/1 kV or customer-specified offshore rating	Fire resistant, flame retardant, low smoke and halogen-free construction	19 mm
<b>BF0U Instrumentation 250 V, 0.6/1 kV or customer-specified offshore rating 4 pair 1.0 mm<sup>2</sup></b>	Instrumentation	4 pair	1.0 mm <sup>2</sup>	250 V, 0.6/1 kV or customer-specified offshore rating	Fire resistant, flame retardant, low smoke and halogen-free construction	19 mm
<b>BF0U Instrumentation 250 V, 0.6/1 kV or customer-specified offshore rating 4 pair 1.5 mm<sup>2</sup></b>	Instrumentation	4 pair	1.5 mm <sup>2</sup>	250 V, 0.6/1 kV or customer-specified offshore rating	Fire resistant, flame retardant, low smoke and halogen-free construction	20 mm
<b>BF0U Instrumentation 250 V, 0.6/1 kV or customer-specified offshore rating 8 pair 0.75 mm<sup>2</sup></b>	Instrumentation	8 pair	0.75 mm <sup>2</sup>	250 V, 0.6/1 kV or customer-specified offshore rating	Fire resistant, flame retardant, low smoke and halogen-free construction	24 mm
<b>BF0U Instrumentation 250 V, 0.6/1 kV or customer-specified</b>	Instrumentation	8 pair	1.0 mm <sup>2</sup>	250 V, 0.6/1 kV or customer-	Fire resistant, flame retardant, low smoke and	25 mm

Cable reference	Circuit type	Core / pair design	Conductor size	Voltage class	Fire / mud behavior	OD guide
offshore rating 8 pair 1.0 mm <sup>2</sup>				specified offshore rating	halogen-free construction	
BF0U Instrumentation 250 V, 0.6/1 kV or customer-specified offshore rating 8 pair 1.5 mm <sup>2</sup>	Instrumentation	8 pair	1.5 mm <sup>2</sup>	250 V, 0.6/1 kV or customer-specified offshore rating	Fire resistant, flame retardant, low smoke and halogen-free construction	25 mm
BF0U Instrumentation 250 V, 0.6/1 kV or customer-specified offshore rating 12 pair 0.75 mm <sup>2</sup>	Instrumentation	12 pair	0.75 mm <sup>2</sup>	250 V, 0.6/1 kV or customer-specified offshore rating	Fire resistant, flame retardant, low smoke and halogen-free construction	29 mm
BF0U Instrumentation 250 V, 0.6/1 kV or customer-specified offshore rating 12 pair 1.0 mm <sup>2</sup>	Instrumentation	12 pair	1.0 mm <sup>2</sup>	250 V, 0.6/1 kV or customer-specified offshore rating	Fire resistant, flame retardant, low smoke and halogen-free construction	30 mm
BF0U Instrumentation 250 V, 0.6/1 kV or customer-specified offshore rating 12 pair 1.5 mm <sup>2</sup>	Instrumentation	12 pair	1.5 mm <sup>2</sup>	250 V, 0.6/1 kV or customer-specified offshore rating	Fire resistant, flame retardant, low smoke and halogen-free construction	30 mm
BF0U Instrumentation 250 V, 0.6/1 kV or customer-specified offshore rating 24 pair 0.75 mm <sup>2</sup>	Instrumentation	24 pair	0.75 mm <sup>2</sup>	250 V, 0.6/1 kV or customer-specified offshore rating	Fire resistant, flame retardant, low smoke and halogen-free construction	45 mm
BF0U Instrumentation 250 V, 0.6/1 kV or customer-specified offshore rating 24 pair 1.0 mm <sup>2</sup>	Instrumentation	24 pair	1.0 mm <sup>2</sup>	250 V, 0.6/1 kV or customer-specified offshore rating	Fire resistant, flame retardant, low smoke and halogen-free construction	45 mm
BF0U Instrumentation 250 V, 0.6/1 kV or customer-specified offshore rating 24 pair 1.5 mm <sup>2</sup>	Instrumentation	24 pair	1.5 mm <sup>2</sup>	250 V, 0.6/1 kV or customer-specified offshore rating	Fire resistant, flame retardant, low smoke and halogen-free construction	46 mm