

# *Ex Industries*

## **BFOU 0.6/1kV Flame Retardant Braided Power Cables to NEK 606** EPR/EPR/TCWB/EVA

Halogen-free, NEK 606 Type P5  
Mud resistant, NEK 606 Type P12

### **APPLICATION**

Fixed installations for power, control and lighting in both EX – and safe areas, emergency and critical systems.

### **Specifications**

- In accordance with NEK 606.
- **Conductor:** Tinned stranded copper
- **Insulation:** Mica Tape. EP-rubber
- **Bedding:** Flame retardant halogen-free thermoset compound
- **Aarmor:** Tinned copper wire braid
- **Outer Sheath:** Flame retardant halogen-free and mud resistant thermoset compound, SHF2, black.
- Flame retardant to IEC60332-3-22
- **Voltage Rating:** 0.6 / 1kV

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NEK 606 power cables are typically available from one to five cores. Two, three, and four cores are available with or without grounds. Conductor sizes range from 1.5MMSQ to 240MMSQ.

Dimensional data available on request.

Core Identification:

One core	Grey (Off-white)
Two core	Grey (Off-white) – Black
Three core	Grey (Off-white) – Black – Red
Four core	Grey (Off-white) – Black – Red – Blue
Five core	Grey (Off-white) – Black – Red – Blue – Black
Above five cores	Black numbers on white base
Earth core	Yellow / Green

Notes:

All dimensions must be verified at time of ordering.  
Other sizes available upon request.  
Minimum quantities may be required.